11-04-2016 LETTING ITEM 117

RTE.	PROJECT NO.	COUNTY	TOTAL SHEETS	SHEET NO.
*	12-00348-00-BT	VERMILION	94	01
CONTRACT NUMBER 91498				

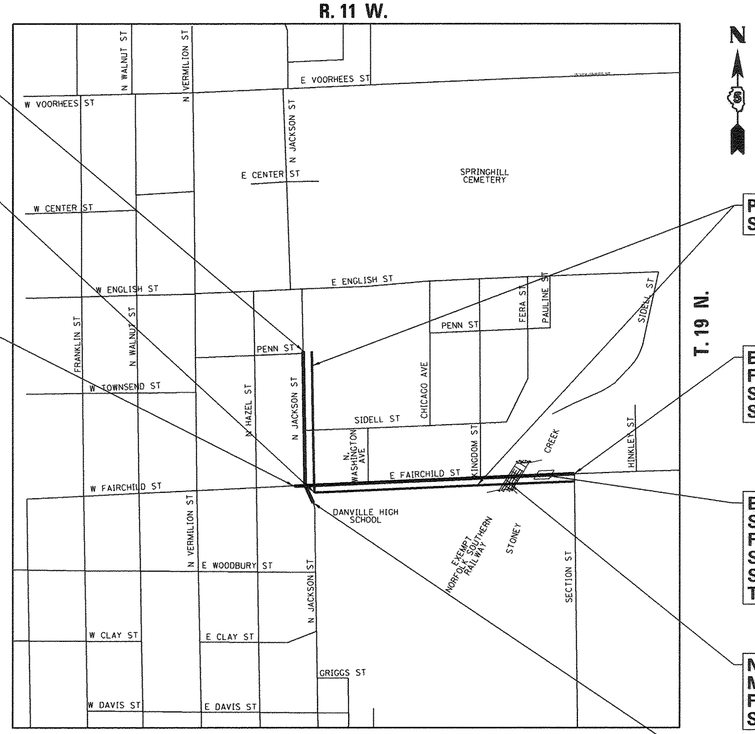
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLANS FOR PROPOSED DANVILLE HIGH SCHOOL SHARED USE PATH

ALONG FAIRCHILD & JACKSON STREETS
SECTION 12-00348-00-BT

PROJECT NO: TE -00D5(106)
JOB NO: C-95-337-13
FUNDING: ITEP, STU & LOCAL

LOCATION OF SECTION INDICATED THUS: -■-



LOCATION MAP

SCALE: 1" = 500'

FAIRCHILD STREET = 1917.0 FT (0.36 mi.)
JACKSON STREET = 1187.4 FT (0.22 mi.)

TOTAL LENGTH OF PROJECT = 3104.4 FT = 0.59 MILES

END PROJECT
STA. 60+30.1 JACKSON STREET
STA. 710+26.21 SUP

STATION EQUATION
FAIRCHILD STREET
SUP STA. 500+00.00 =
JACKSON STREET
SUP STA. 700+00.00

BEGIN PROJECT
STA. 280+83.00
FAIRCHILD STREET

PROPOSED
SHARED USE PATH (SUP)

END PROJECT
FAIRCHILD STREET
STA. 300+00.02
SUP STA. 517+24.98

EX BRIDGE
SN 092-7210
FAIRCHILD STREET
STA 296+04.72
SUP STA. 513+16.09
TO STA. 513+97.49

NS RAILWAY BRIDGE
MP108.83-CR =
FAIRCHILD STREET
SUP STA. 512+25.76

BEGIN PROJECT
STA. 48+42.7
JACKSON STREET

INDEX OF SHEETS

DESIGN DESIGNATION:

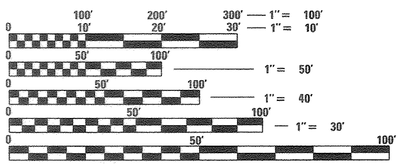
FAIRCHILD STREET: MINOR ARTERIAL (URBAN)
JACKSON STREET: MAJOR COLLECTOR (URBAN)

TRAFFIC DATA 2035 ADT

FAIRCHILD STREET: 20,650 VPD
JACKSON STREET: 4,550 VPD

DESIGN SPEED

FAIRCHILD STREET: 30 MPH
JACKSON STREET: 30 MPH



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

CONTRACT NO. 91498

CITY OF DANVILLE

APPROVED August 31 2016

R. David Schnelle
CITY OF DANVILLE, CITY ENGINEER

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PASSED October 5 2016

DISTRICT 5 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID BASED ON LIMITED REVIEW October 5 2016

REGION 3 ENGINEER

ROBERT D. SCHNELLE 62054565 REGISTERED PROFESSIONAL ENGINEER OF ILLINOIS

R. David Schnelle 8/31/16

CITY ENGINEER, ILLINOIS PROFESSIONAL NO. 62-054565
LICENSE EXPIRES: 11-30-2017

DEPARTMENT OF ENGINEERING
DANVILLE, IL. R. DAVID SCHNELLE, CITY ENGINEER
DANVILLE HIGH SCHOOL SHARED USE PATH

REVISIONS
NAME DATE

CITY OF DANVILLE, 17 WEST MAIN STREET
DANVILLE, ILLINOIS 61832
TELEPHONE 217.431.2400

$$COVVER

GENERAL NOTES

1. ALL WORK PERFORMED SHALL BE IN ACCORDANCE WITH THE REFERENCED STANDARD SPECIFICATIONS, THE TECHNICAL SPECIFICATIONS AND SPECIAL PROVISIONS, AND THE NOTES AND DETAILS CONTAINED IN THESE PLANS.

2. SPECIFICATIONS ADOPTED BY REFERENCE IN THESE PLANS REFER TO THE LATEST PUBLISHED REVISION THEREOF.

3. ALL MEASUREMENTS ARE IN FEET AND DECIMAL PARTS THEREOF, UNLESS NOTED OTHERWISE.

4. ALL ELEVATIONS SHOWN ARE BASED UPON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (MEAN SEA LEVEL DATUM) AS ESTABLISHED AND PUBLISHED BY THE UNITED STATES NATIONAL GEODETIC SURVEY. COORDINATES ARE BASED UPON THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD 83 (1986).

5. EACH CONTRACTOR OR SUBCONTRACTOR SHALL SECURE ALL REQUIRED INSURANCE COVERAGE PRIOR TO COMMENCING WORK AND PROVIDE EVIDENCE OF SUCH TO OWNER.

6. CONTRACTORS' ATTENTION IS CALLED TO CURRENT LOCAL, STATE, AND FEDERAL (OSHA) SAFETY REGULATIONS AND GUIDELINES. CONTRACTORS AND THEIR EMPLOYEES SHALL BE FAMILIAR WITH THESE REGULATIONS AND GUIDELINES AND SHALL STRICTLY ADHERE TO THEM.

7. THE CONTRACTOR SHALL NOTIFY CITY ENGINEER (217-431-2384) AT LEAST FORTY-EIGHT (48) HOURS PRIOR TO STARTING OR RESTARTING ANY CONSTRUCTION.

8. ALL CONSTRUCTION WORK PERFORMED OR EQUIPMENT AND MATERIALS SUPPLIED WILL BE SUBJECT TO OBSERVATION BY THE ENGINEER OR OWNER'S REPRESENTATIVE. WORK PERFORMED WITHOUT OBSERVATION OF THE ENGINEER OR OWNER'S REPRESENTATIVE MAY BE REJECTED. CONTRACTOR SHALL COORDINATE WITH THE ENGINEER OR OWNER'S REPRESENTATIVE IN ADVANCE OF ALL CONSTRUCTION ACTIVITIES TO ASSURE COMPLIANCE WITH THIS PROVISION.

9. IF THE ENGINEER OR THE CITY OF DANVILLE PROVIDES HORIZONTAL CONTROL POINTS, OFFSET STAKES, OR GRADE STAKES FOR CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF THOSE CONTROL POINTS, OFFSET AND GRADE STAKES, AND SHALL PAY FOR THE COST OF RESETTING THEM.

10. THE CONTRACTOR SHALL COORDINATE ITS ACTIVITIES WITH THE CITY OF DANVILLE TO ACQUIRE ALL PERMITS AND CONTACT ALL AGENCIES INVOLVED FOR FINAL APPROVALS NEEDED BEFORE CONSTRUCTION WORK BEGINS. THE CONTRACTOR SHALL MAINTAIN ALL APPLICABLE EROSION CONTROL MEASURES AS SHOWN AND/OR AS DIRECTED BY THE CITY OF DANVILLE OR THE ENGINEER.

THE CONTRACTOR SHALL STRICTLY ADHERE TO ALL APPLICABLE NPDES PERMIT REQUIREMENTS AND SHALL ASSUME ALL RESPONSIBILITY FOR MAINTAINING TEMPORARY EROSION CONTROL MEASURES AT ALL TIMES.

11. THE CONTRACTOR SHALL MAINTAIN IN OPERATING CONDITION ALL UTILITIES ENCOUNTERED IN THIS WORK.

12. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTACT AND COORDINATE WITH THE APPROPRIATE UTILITY COMPANIES CONCERNING ANY MODIFICATIONS TO THEIR SYSTEMS NECESSARY TO PROPERLY ACCOMMODATE THE REQUIREMENTS OF THE PROPOSED IMPROVEMENTS.

13. THE CONTRACTOR SHALL BE ENTIRELY RESPONSIBLE FOR ALL INJURIES TO WATER PIPES, ELECTRIC CONDUITS, SANITARY SEWERS, EXISTING DRAINS OR SEWERS, GAS PIPES, POLES CARRYING CURRENT, AND TELEPHONE, CABLE TV OR TELEGRAPH LINES DURING THE EXECUTION OF THE WORK, AND SHALL BE LIABLE FOR DAMAGES TO PUBLIC OR PRIVATE PROPERTY RESULTING THEREFROM WHICH AMOUNT MAY BE DEDUCTED FROM ANY MONIES DUE HIM FOR WORK DONE.

14. EXISTING PAVEMENTS NOT SCHEDULED FOR DEMOLITION THAT ARE DAMAGED BY CONSTRUCTION OPERATIONS SHALL BE REPLACED BY THE CONTRACTOR AT HIS SOLE EXPENSE AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.

15. ALL EXISTING FACILITIES AND IMPROVEMENTS OUTSIDE THE CONSTRUCTION LIMITS MUST BE PRESERVED AND PROTECTED OR REMOVED, PROTECTED AND RESET BY THE CONTRACTOR, AT OR NEAR ITS ORIGINAL LOCATION. SUCH PROTECTION WORK SHALL BE INCIDENTAL TO THE CONTRACT WORK.

16. CARE SHALL BE TAKEN WHEN REMOVING CONCRETE OR OTHER STRUCTURES TO PRESERVE AND PROTECT IMPROVEMENTS NOT INDICATED TO BE REMOVED.

17. ALL GRADING SHALL BE DONE IN ACCORDANCE WITH SPOT ELEVATIONS, GRADES AND FLOW ARROWS AS SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER OR OWNER'S REPRESENTATIVE.

18. FINISHED SURFACES SHOULD MATCH SURROUNDING GROUND, WITH ALLOWANCE FOR SETTLEMENT, OR AS OTHERWISE DIRECTED BY THE CONTRACT DOCUMENTS.

19. PAYMENT FOR CONSTRUCTION ITEMS SHALL BE MEASURED AND PAID FOR AS INDICATED IN THE STANDARD SPECIFICATIONS, AS SHOWN ON THE SPECIAL PROVISIONS AND TECHNICAL SPECIFICATIONS, AND AS INDICATED ON THE PLANS.

20. THE CONTRACTOR SHALL SUBMIT A PROGRESS SCHEDULE WITHIN 10 DAYS OF CONTRACT AWARD NOTIFICATION.

21. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND MATERIAL CERTIFICATIONS TO THE ENGINEER OR OWNER'S REPRESENTATIVE.

22. THE CONTRACTOR SHALL NOTIFY THE DANVILLE POLICE AND FIRE DEPARTMENTS, MEDIX AMBULANCE SERVICE, DANVILLE MASS TRANSIT, AND DANVILLE SCHOOL DISTRICT 118 PRIOR TO ANY ROADWAY CLOSURES IF APPLICABLE.

23. PRIOR TO STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL J.U.L.I.E. AT 1-800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, CABLE, AND GAS FACILITIES. 48 HOURS NOTIFICATION IS REQUIRED. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO DETERMINE THE ACTUAL LOCATION OF ALL UNDERGROUND UTILITY FACILITIES. THE CONTRACTOR SHALL OBTAIN FROM THE RESPECTIVE UTILITY COMPANIES DETAILED INFORMATION RELATIVE TO THE LOCATION OF THEIR FACILITIES AND THE WORKING SCHEDULES OF THE UTILITY COMPANIES FOR THEIR MARKING OF THE EXACT LOCATION.

24. NO WORK SHALL COMMENCE UNTIL TRAFFIC CONTROL REQUIREMENTS ARE MET.

25. GRADING SHALL BE DONE BY HAND AROUND LIGHT POLES, UTILITY POLES, SIGN POSTS, SHRUBS, TREES OR OTHER NATURAL OR MAN-MADE OBJECTS WHERE SHALLOW FILLS OR CUTS ARE ADJACENT TO THE ITEMS. IT IS THE INTENT THAT THE LIMITS OF CONSTRUCTION BE SUCH AS TO PRESERVE IN THE ORIGINAL STATE AS MUCH AREA OF THE CONSTRUCTION LIMITS AS POSSIBLE. THE DECISION AS TO WHICH ITEMS SHALL REMAIN IN PLACE SHALL BE AS DIRECTED BY THE ENGINEER. THIS WORK SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE UNIT PRICE FOR THE ITEM INVOLVED AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

26. IT IS THE CONTRACTORS RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS PRIOR TO BIDDING ON THE CONTRACT.

27. IT IS THE CONTRACTORS RESPONSIBILITY TO COMPLY WITH STATE REGULATIONS REGARDING AIR, WATER, AND NOISE POLLUTION.

28. FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE 4 SAND BAGS PER BARRICADE.

29. ALL UNSUITABLE MATERIAL SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY IN ACCORDANCE WITH ARTICLE 202.03 OF THE IDOT STANDARD SPECIFICATIONS. THIS WORK SHALL BE CONSIDERED AS INCIDENTAL TO THE PAY ITEMS FOR WHICH IT IS REQUIRED AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

UTILITY NOTE/CONTACTS

UTILITIES SHOWN ARE AS REPORTED TO THE CITY AND AS INDICATED ON EXISTING UTILITY BASE MAPS AND REFERENCE DATA PROVIDED. NO ATTEMPT HAS BEEN MADE TO EXCAVATE, UNCOVER, OR EXPOSE THESE FACILITIES TO FIELD CHECK THE EXISTENCE, SIZE, DEPTH, CONDITION, CAPACITY OR EXACT LOCATION OF THESE UTILITIES. FOR ADDITIONAL INFORMATION CONTACT:

CITY OF DANVILLE
ENGINEERING DIVISION OF
THE PUBLIC WORKS DEPARTMENT
1155 E. VOORHEES ST., SUITE A
DANVILLE, IL 61832
PHONE: 217-431-2288
FAX: 217-431-3444

SANITARY SEWERS, STORM SEWERS:
CITY OF DANVILLE SEWER DEPARTMENT
1155 E. VOORHEES ST., SUITE A
DANVILLE, IL 61832
PHONE: 217-431-2395
FAX: 217-431-3444

WATER:
AQUA ILLINOIS
1300 WEST FAIRCHILD STREET
DANVILLE, IL 61832
PHONE: 217-442-3063
FAX: 217-442-0178

ELECTRIC:
AMEREN ILLINOIS
1112 WEST ANTHONY DRIVE
URBANA, IL 61803-7070
PHONE: 1-800-755-5000
FAX: 217-424-7007

GAS:
AMEREN ILLINOIS
2460 NORTH JASPER STREET
DECATUR, IL 62526
PHONE: 800-755-5000
FAX: 217-425-4151

CABLE TELEVISION:
COMCAST
303 FAIRLAWN DRIVE
URBANA, IL 61801
PHONE: 217-213-5002

TELEPHONE:
ATT
320 NORTH WALNUT STREET
DANVILLE, IL 61832
PHONE: 217-443-7830
FAX: 217-443-7883

FIRE DEPARTMENT
DANVILLE FIRE DEPARTMENT
1111 NORTH GRIFFIN STREET
DANVILLE, IL 61832
PHONE: 217-431-2350
FAX: 217-431-2359
EMERGENCY: 911

RAILROAD:
NORFOLK SOUTHERN RAILWAY
ELLIS A. MAYS
ENGINEER PUBLIC IMPROVEMENTS
PHONE: 404-529-1256

HIGHWAY STANDARDS

NUMBER	DESCRIPTION
000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
353001-04	PCC BASE COURSE WITH HMA BINDER AND SURFACE COURSES
420001-08	PAVEMENT JOINTS
424001-08	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424016-02	MID-BLOCK CURB RAMPS FOR SIDEWALK
424026-01	ENTRANCE/ALLEY PEDESTRIAN CROSSINGS
601001-05	PIPE UNDER DRAINS
601101-02	CONCRETE HEADWALL FOR PIPE UNDER DRAINS
602301-04	INLET, TYPE A
602306-03	INLET, TYPE B
602401-03	MANHOLE, TYPE A
602411-05	MANHOLE TYPE A 7' (2.1m) DIAMETER
602601-04	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
604001-04	FRAME AND LIDS, TYPE 1
604006-05	FRAME AND GRATE, TYPE 3
604011-05	FRAME AND GRATE, TYPE 3V
604086-03	FRAME AND GRATE, TYPE 23
606001-06	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
664001-02	CHAIN LINK FENCE
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502-06	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-05	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAIL
720006-04	SIGN PANEL ERECTION DETAILS
720016-03	MAST ARM MOUNTED STREET NAME SIGNS
729001-01	APPLICATION OF TYPES A & B METAL POSTS (FOR SIGN MARKERS)
780001-05	TYPICAL PAVEMENT MARKINGS
814001-03	HAND HOLES
814006-02	DOUBLE HAND HOLES
821101-01	LUMINAIRE WIRING DIAGRAM
825021-03	LIGHT CONTROLLER, BASE MOUNTED, 240V
830001-03	LIGHT POLE ALUMINUM MAST ARM
836001-02	LIGHT POLE FOUNDATION
838001	BREAKAWAY DEVICES
857001-01	STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES
862001-01	UNINTERRUPTABLE POWER SUPPLE (UPS)
873001-02	TRAFFIC SIGNAL GROUNDING & BONDING
876001-04	PEDESTRIAN PUSH BUTTON POST
878001-10	CONCRETE FOUNDATION DETAILS
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS
886001-01	DIRECTOR LOOP INSTILLATIONS
886006-01	TYPICAL LAYOUTS FOR DETECTION LOOPS
B.L.R. 22-7	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS

DISTRICT 5 CADD DETAILS

NUMBER	DESCRIPTION
44000080	HOT-MIX ASPHALT SURFACE REMOVING (COLD MILLING)
7800AAAA	PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)
70200000	TRAFFIC CONTROL & PROTECTION DEVICES (ROAD & SIDEROADS/STREET CLOSURES)
X0325279	PORTLAND CEMENT CONCRETE SIDEWALK STEPS

GENERAL LEGEND

(REFER TO STANDARD 000001-06 FOR ADDITIONAL STANDARD SYMBOLS, ABBREVIATIONS & PATTERNS)

PROPOSED PEDESTRIAN BARRIER FENCE LINE

EXISTING SANITARY MANHOLE

EXISTING STORM MANHOLE

EXISTING STORM INLET

PROPOSED STORM INLET/MH

WATER VALVE

GAS VALVE

SITE PLAN KEYNOTE (10)

STRUCTURE/PIPE KEYNOTE (101)

EXISTING SPOT ELEVATION ×(609.1)

PROPOSED SPOT ELEVATION ×608.80

TEMPORARY CONSTRUCTION EASEMENT T.C.E.

GN 406H MIXTURE REQUIRMENTS **CONTRACT: 91498** **PROJECT NO. 12-00348-00-BT**

MIXTURE NUMBER	NO. 1	NO. 2	NO. 3	NO. 4	NO. 5	NO. 6
LOCATION	FAIRCHILD	FAIRCHILD	JACKSON	JACKSON	WASHINGTON, SIDELL	FAIRCHILD
MIXTURE USE	POLYMER FINE GRADED LEVEL	POLYMER SURFACE	POLYMER FINE GRADED LEVEL	POLYMER SURFACE	INCIDENTAL	PATCHING
AC/PG	SBS PG 70-22	SBS PG 70-22	SBS PG 70-22	SBS PG 70-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS	4.0% @ Ndes = 70	4.0% @ Ndes = 70	4.0% @ Ndes = 50	4.0% @ Ndes = 50	4.0% @ Ndes = 70	4.0% @ Ndes = 70
MIX COMP (GRADATION)	IL 9.5 FG	IL 9.5	IL 9.5 FG	IL 9.5	IL 9.5	IL 19.0
FRICTION AGGREGATE	MIX C	MIX D	MIX C	MIX C	MIX C	N.A.
MIXTURE WEIGHT	112	112	112	112	112	112
QUALITY MANAGEMENT PROGRAM	QC/QA	QC/QA	QC/QA	QC/QA	QC/QA	QC/QA
SUBLOT SIZE	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

FILE LOCATION = X:\Projects\City\Current\12-00348-00-BT DHS SHARED PATH\CIVIL\CONSTRUCTION\GENNOTES_ALIGNMENTS_TIES.DGN

DESIGNED - COD		REVISED -
DRAWN - ENC		REVISED -
CHECKED - ENC		REVISED -
DATE - 8/31/2016		REVISED -

CITY OF DANVILLE, 17 WEST MAIN STREET
DANVILLE, ILLINOIS 61832
TELEPHONE 217.431.2400

DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

DANVILLE HIGH SCHOOL SHARED USE PATH
NOTES, LEGEND, HIGHWAY STANDARDS

SCALE: N/A

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
•	12-00348-00-BT	Vermilion	94	02
	CONTRACT NUMBER 91498			

SUMMARY OF QUANTITIES

SPECIAL PROVISION	ITEM	DESCRIPTION	UNIT	ITEP ELIGIBLE 80% ITEP/20% LOCAL QUANTITY	STU	TOTAL QUANTITY
	Δ 20101400	NITROGEN FERTILIZER NUTRIENT	POUND	81	0	81
	Δ 20101500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	81	0	81
	Δ 20101600	POTASSIUM FERTILIZER NUTRIENT	POUND	81	0	81
	20200100	EARTH EXCAVATION	CU YD	259	0	259
	20800150	TRENCH BACKFILL	CU YD	9	0	9
	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	1875	0	1875
	21101645	TOPSOIL FURNISH AND PLACE, 12"	SQ YD	333	0	333
	Δ 25000110	SEEDING, CLASS 1A	ACRE	1.00	0	1.00
	Δ 25000700	AGRICULTURAL GROUND LIMESTONE	TON	2	0	2
	Δ 25100115	MULCH, METHOD 2	ACRE	1	0	1
	28000500	INLET AND PIPE PROTECTION	EACH	4	0	4
	28100709	STONE DUMPED RIPRAP, CLASS A5	SQ YD	317	0	317
	28200200	FILTER FABRIC	SQ YD	317	0	317
	35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	202	0	202
	35400300	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 8"	SQ YD	177	0	177
	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	0	7995	7995
•	40600627	LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N50	TON	0	151	151
•	40600839	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N70	TON	0	361	361
	40600990	TEMPORARY RAMP	SQ YD	151	0	151
	40603510	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	0	192	192
	40603540	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	0	452	452
	40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	25	0	25
	42000900	HIGH-EARLY-STRENGTH PORTLAND CEMENT CONCRETE PAVEMENT 8"	SQ YD	253	0	253
	42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	145	0	145
	42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	405	0	405
	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	21465	0	21465
•	42400800	DETECTABLE WARNINGS	SQ FT	313	0	313
	44000100	PAVEMENT REMOVAL	SQ YD	2154	0	2154

Δ SPECIALTY ITEMS

FILE LOCATION = X:\Projects\City\Current\12-00348-00-BT DNS SHARED PATH\CIVIL\CONSTRUCTION\SOQ.DGN

DESIGNED	-	REVISED -
DRAWN	- MDS	REVISED -
CHECKED	- ENC	REVISED -
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CITY OF DANVILLE, 17 WEST MAIN STREET
DANVILLE, ILLINOIS 61832
TELEPHONE: 217.431.2400

DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

DANVILLE HIGH SCHOOL SHARED USE PATH
SUMMARY OF QUANTITIES I

SCALE: N/A

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
•	12-00348-00-BT	Vermilion	94	03
	CONTRACT NUMBER 91498			

SUMMARY OF QUANTITIES

SPECIAL PROVISION	ITEM	DESCRIPTION	UNIT	ITEP ELIGIBLE 80% ITEP/20% LOCAL QUANTITY	STU	TOTAL QUANTITY
	44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	0	7221	7221
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	574	0	574
•	44000300	CURB REMOVAL	FOOT	2904	0	2904
	44000600	SIDEWALK REMOVAL	SQ FT	15298	0	15298
	44200138	PAVEMENT PATCHING, TYPE IV, 11 INCH	SQ YD	67	0	67
	50102400	CONCRETE REMOVAL	CU YD	2	0	2
	50104000	BRIDGE RAIL REMOVAL	FOOT	81	0	81
	50300225	CONCRETE STRUCTURES	CU YD	16	0	16
	50300255	CONCRETE SUPERSTRUCTURE	CU YD	22	0	22
	50300300	PROTECTIVE COAT	SQ YD	35	0	35
	50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	LSUM	1	0	1
	50500505	STUD SHEAR CONNECTORS	EACH	204	0	204
	50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	4680	0	4680
•	Δ 50901735	BRIDGE FENCE RAILING (SIDEWALK)	FOOT	200	0	200
	52100520	ANCHOR BOLTS, 1"	EACH	4	0	4
	550B0050	STORM SEWERS, CLASS B, TYPE 1 12"	FOOT	333	0	333
	550B0070	STORM SEWERS, CLASS B, TYPE 1 15"	FOOT	112	0	112
	550B0380	STORM SEWERS, CLASS B, TYPE 2 18"	FOOT	41	0	41
	Δ 56109210	WATER VALVES TO BE ADJUSTED	EACH	0	3	3
	59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	136	0	136
	60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	2	0	2
•	60107600	PIPE UNDERDRAINS 4"	FOOT	595	0	595
•	60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	78	0	78
	60218300	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	0	1
	60224439	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 23 FRAME AND GRATE	EACH	1	0	1
	60224446	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	0	1
	60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	5	0	5
	60237460	INLETS, TYPE A, TYPE 23 FRAME AND GRATE	EACH	2	0	2
	60240220	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	EACH	3	0	3

Δ SPECIALTY ITEMS

FILE LOCATION = X:\Projects\City\Current\12-00348-00-BT DHS SHARED PATH\CIVIL\CONSTRUCTION\SOQ.DGN

DESIGNED -		REVISED -
DRAWN -	MDS	REVISED -
CHECKED -	ENC	REVISED -
DATE -	8/31/2016	REVISED -

CITY OF DANVILLE, 17 WEST MAIN STREET
DANVILLE, ILLINOIS 61832
TELEPHONE: 217.431.2400

DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

DANVILLE HIGH SCHOOL SHARED USE PATH
SUMMARY OF QUANTITIES II

SCALE: N/A

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
•	12-00348-00-BT	Vermilion	94	04
	CONTRACT NUMBER 91498			

SUMMARY OF QUANTITIES

SPECIAL PROVISION		ITEM	DESCRIPTION	UNIT	ITEP ELIGIBLE 80% ITEP/20% LOCAL QUANTITY	STU	TOTAL QUANTITY
		60255500	MANHOLES TO BE ADJUSTED	EACH	0	5	5
		60500060	REMOVING INLETS	EACH	5	0	5
		60600605	CONCRETE CURB, TYPE B	FOOT	26	0	26
•		60603900	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (ABUTTING EXISTING PAVEMENT)	FOOT	1206	0	1206
		60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	524	0	524
•		60604500	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18 (ABUTTING EXISTING PAVEMENT)	FOOT	1750	0	1750
•		60605900	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-9.12	FOOT	792	0	792
•		64300240	IMPACT ATTENUATORS (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	2	0	2
•	Δ	66400305	CHAIN LINK FENCE, 6'	FOOT	344	0	344
•	Δ	66407500	CHAIN LINK GATES, 6' X 10' DOUBLE	EACH	1	0	1
		67100100	MOBILIZATION	LSUM	1	0	1
		70400100	TEMPORARY CONCRETE BARRIER	FOOT	149	0	149
		72000100	SIGN PANEL - TYPE 1	SQ FT	72	0	72
		72900100	METAL POST - TYPE A	FOOT	26	0	26
	Δ	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	194	0	194
	Δ	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	4173	0	4173
	Δ	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1614	0	1614
	Δ	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	813	0	813
	Δ	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	92	0	92
	Δ	78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	600	0	600
	Δ	78008230	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	FOOT	85	0	85
	Δ	78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	58	0	58
	Δ	80400100	ELECTRIC SERVICE INSTALLATION	EACH	1	0	1
•	Δ	81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	1964	0	1964
•	Δ	81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	97	0	97
•	Δ	81100600	CONDUIT ATTACHED TO STRUCTURE, 2" DIA., GALVANIZED STEEL	FOOT	102	0	102
•	Δ	81400100	HANDHOLE	EACH	7	0	7
		81400300	DOUBLE HANDHOLE	EACH	2	0	2

Δ SPECIALTY ITEMS

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CITY OF DANVILLE, 17 WEST MAIN STREET
DANVILLE, ILLINOIS 61832
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DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

DANVILLE HIGH SCHOOL SHARED USE PATH
SUMMARY OF QUANTITIES III

SCALE: N/A

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
•	12-00348-00-BT	Vermilion	94	05
	CONTRACT NUMBER 91498			

SUMMARY OF QUANTITIES

SPECIAL PROVISION		ITEM	DESCRIPTION	UNIT	ITEP ELIGIBLE 80% ITEP/20% LOCAL QUANTITY	STU	TOTAL QUANTITY
•	Δ	81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	10300	0	10300
	Δ	82500350	LIGHTING CONTROLLER, BASE MOUNTED, 240VOLT, 100AMP	EACH	1	0	1
•	Δ	83007300	LIGHT POLE, ALUMINUM, 35 FT. M.H., 8 FT. MAST ARM	EACH	8	0	8
	Δ	83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	66	0	66
	Δ	86200200	UNINTERRUPTABLE POWER SUPPLY, STANDARD	EACH	1	0	1
•	Δ	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	926	0	926
•	Δ	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1450	0	1450
•	Δ	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1660	0	1660
•	Δ	87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	216	0	216
•	Δ	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	171	0	171
•	Δ	87502400	TRAFFIC SIGNAL POST, GALVANIZED STEEL 3 1/2 FT.	EACH	3	0	3
•	Δ	87502440	TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	1	0	1.0
•	Δ	87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	4	0	4
•	Δ	87702840	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 22 FT.	EACH	3	0	3
	Δ	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	30	0	30
•	Δ	87800150	CONCRETE FOUNDATION, TYPE C	FOOT	6	0	6
	Δ	87800400	CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	30	0	30
	Δ	88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	6	0	6
•	Δ	88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	5	0	5
	Δ	88102757	PEDESTRIAN SIGNAL HEAD, LED, 3-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8	0	8
	Δ	88200210	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	6	0	6
	Δ	88800100	PEDESTRIAN PUSH-BUTTON	EACH	8	0	8
	Δ	89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	125	0	125
•	Δ	89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1	0	1
•	Δ	89502380	REMOVE EXISTING HANDHOLE	EACH	4	0	4
•	Δ	89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	15	0	15
	Δ	A2004516	TREE, GINKGO BILOBA PRINCETON SENTRY (PRINCETON SENTRY GINKGO), 2" CALIPER, BALLED AND BURLAPPED	EACH	8	0	8

Δ SPECIALTY ITEMS

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CITY OF DANVILLE, 17 WEST MAIN STREET
DANVILLE, ILLINOIS 61832
TELEPHONE 217.431.2400

DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

DANVILLE HIGH SCHOOL SHARED USE PATH
SUMMARY OF QUANTITIES IV

SCALE: N/A

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
•	12-00348-00-BT	Vermilion	94	06

SUMMARY OF QUANTITIES

SPECIAL PROVISION		ITEM	DESCRIPTION	UNIT	ITEP ELIGIBLE 80% ITEP/20% LOCAL QUANTITY	STU	TOTAL QUANTITY
	Δ	A2005020	TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	2	0	2
	Δ	A2006520	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	3	0	3
	Δ	A3005208	TREE, ZELKOVA SERRATA MUSASHINO (MUSASHINO ZELKOVA), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	3	0	3
	Δ	B2006320	TREE, SYRINGA RETICULATA IVORY SILK (IVORY SILK JAPANESE TREE LILAC), 2-1/2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	6	0	6
	Δ	C20058G4	SHRUB, RHUS AROMATICA GRO-LOW, (GRO- LOW SUMAC), CONTAINER GROWN, 3-GALLON	EACH	100	0	100
	Δ	D2002972	EVERGREEN, PINUS STROBUS (EASTERN WHITE PINE), 6' HEIGHT, BALLED AND BURLAPPED	EACH	11	0	11
•	Δ	K0012990	PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT	UNIT	8	0	8
•	Δ	K1005482	SHREDDED BARK MULCH 4"	SQ YD	692	0	692
•	Δ	X0323117	LANDSCAPING GRAVEL	SQ YD	71	0	71
•		X0324058	OUTLET SPECIAL	EACH	2	0	2
		X0326223	FOAM, EXPANDING POLYURETHANE, HIGH-DENSITY	POUND	3000	0	3000
•		X0326806	WASHOUT BASIN	LSUM	1	0	1
•	Δ	X0326885	VIDEO DETECTION SYSTEM	EACH	1	0	1
•		X0327412	RAILROAD TIES TO BE REMOVED	FOOT	1765	0	1765
•	Δ	X1400094	LUMINAIRE, LED, HORIZONTAL MOUNT, LOW WATTAGE	EACH	8	0	8
•		X2011000	TEMPORARY FENCE (SPECIAL)	FOOT	592	0	592
•		X2110100	TOPSOIL FURNISH AND PLACE, SPECIAL	CU YD	4	0	4
•		X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	6	0	6
•		X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	4	0	4
•		X4240430	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH, SPECIAL	SQ FT	1948	0	1948
•		X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	0	2408	2408
		X4403300	CONCRETE MEDIAN REMOVAL	SQ FT	227	0	227
•		X5422015	REINFORCED CONCRETE PIPE TEE, SPECIAL	EACH	4	0	4
		X6020074	INLETS, TYPE A, TYPE 3V FRAME AND GRATE	EACH	9	0	9
•		X6060714	CONCRETE MEDIAN (SPECIAL)	SQ FT	218	0	218

Δ SPECIALTY ITEMS

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CITY OF DANVILLE, 17 WEST MAIN STREET
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DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

DANVILLE HIGH SCHOOL SHARED USE PATH
SUMMARY OF QUANTITIES V

SCALE: N/A

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
•	12-00348-00-BT	Vermilion	94	07

SUMMARY OF QUANTITIES

SPECIAL PROVISION		ITEM	DESCRIPTION	UNIT	ITEP ELIGIBLE 80% ITEP/20% LOCAL QUANTITY	STU	TOTAL QUANTITY
•	Δ	X6640300	CHAIN LINK FENCE REMOVAL	FOOT	622	0	622
•	Δ	X6640304	CHAIN LINK FENCE TO BE REMOVED AND RE-ERECTED	FOOT	413	0	413
•		X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM	1	0	1
•	Δ	X8211190	LUMINAIRE, LED, HORIZONTAL MOUNT, 190 WATT (SPECIAL)	EACH	16	0	16
•	Δ	X8300001	LIGHT POLE, SPECIAL	EACH	4	0	4
•	Δ	X8570226	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1	0	1
•	Δ	X8900100	TEMPORARY TRAFFIC SIGNAL INSTALLATION (SPECIAL)	EACH	1	0	1
•	Δ	XX001249	ORNAMENTAL FENCE	FOOT	278	0	278
•		XX002162	PARTIAL REMOVAL OF EXISTING STRUCTURES	EACH	1	0	1
•	Δ	XX003885	IRRIGATION SYSTEM	LSUM	1	0	1
•	Δ	XX004101	ORNAMENTAL METAL FENCE	FOOT	354	0	354
•		XX005283	BRICK PAVER CROSSWALKS	SQ FT	593	0	593
•		XX005963	ANTI-GRAFFITI COATING	SQ FT	2113	0	2113
•	Δ	XX006653	FENCE (SPECIAL)	FOOT	85	0	85
•	Δ	XX007021	PEDESTRIAN ACTIVATED CROSSWALK WARNING SYSTEM	EACH	2	0	2
•		XX007297	MASONARY COLUMN, LARGE	EACH	10	0	10
•		XX007298	MASONARY COLUMN, SMALL	EACH	13	0	13
•		XZ127900	RETAINING WALL REMOVAL	FOOT	120	0	120
•		Z0001906	STRUCTURAL STEEL REPAIR	LSUM	1	0	1
•		Z0004552	APPROACH SLAB REMOVAL	SQ YD	8	0	8
•		Z0005880	BRIDGE HANDRAIL REMOVAL	FOOT	190	0	190
•		Z0012450	CONCRETE STEPS	CU YD	1	0	1
•		Z0012455	CONCRETE STEP REMOVAL	EACH	2	0	2
		Z0016002	DECK SLAB REPAIR (FULL DEPTH, TYPE II)	SQ YD	12	0	12
		Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	LSUM	1	0	1
	Δ	A2004566	TREE, GINKO BILBOA MAGYAR (MAGYAR GINKGO), 2-1/2" CALIPER BALLED AND BURLAPPED	EACH	3	0	3
	Δ	XX009151	TREE, PYRUS CALLERYANA (GLENS FORM CHANTICLEER PEAR), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	5	0	5

Δ SPECIALTY ITEMS

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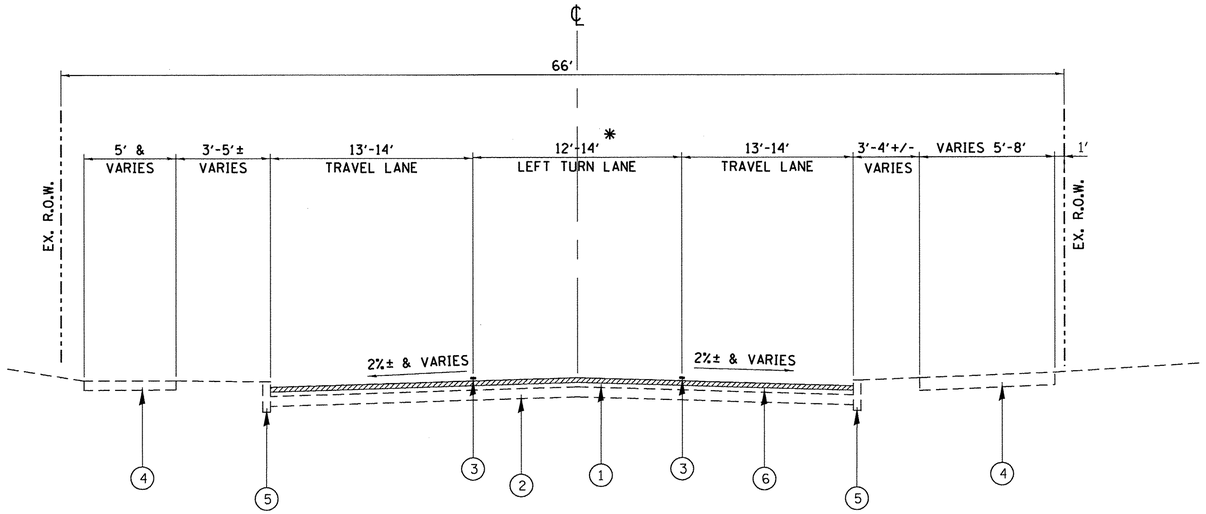
DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

DANVILLE HIGH SCHOOL SHARED USE PATH
SUMMARY OF QUANTITIES VI

SCALE: N/A

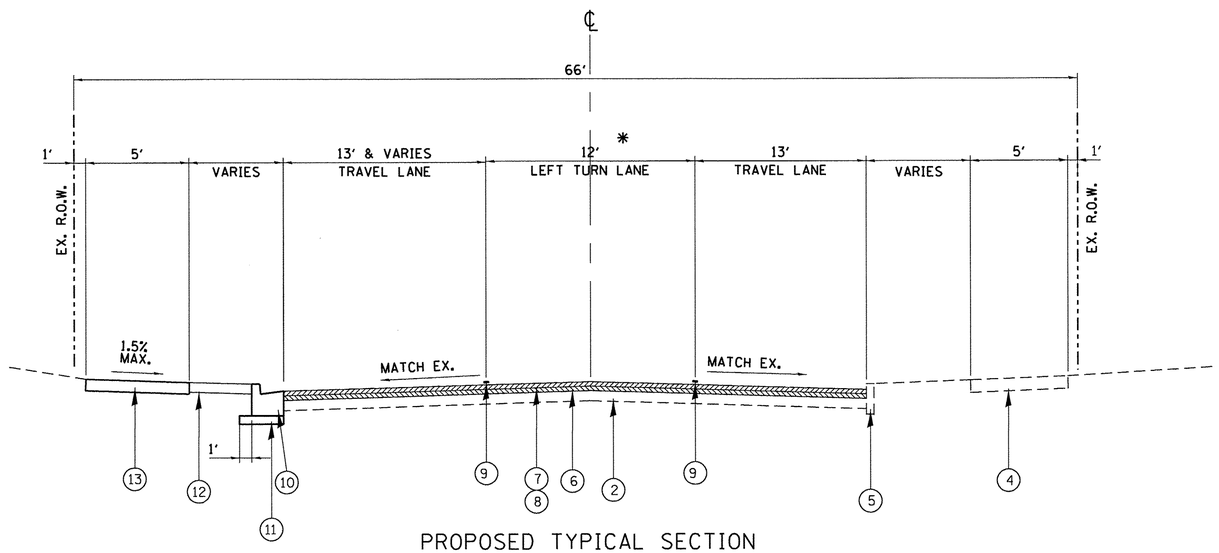
RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
•	12-00348-00-BT	Vermilion	94	08



EXISTING TYPICAL SECTION
FAIRCHILD STREET

STA. 280+83.0 TO STA. 281+68.5
STA. 283+12 TO STA. 295+64.08
STA. 295+64.08 TO 296+45.37 (BRIDGE OMISSION)
STA. 296+45.37 TO STA. 300+00.02

* LEFT TURN LANE TAPER STA. 280+19.9 TO STA. 280+93.5
LEFT TURN LANE TAPER STA. 282+82.2 TO STA. 292+78.2



PROPOSED TYPICAL SECTION
FAIRCHILD STREET

STA. 280+83.0 TO STA. 281+68.5

LEGEND

1. EXISTING HOT-MIX ASPHALT PAVEMENT
2. EXISTING BRICK BASE
3. EXISTING PAVEMENT MARKING
4. EXISTING SIDEWALK
5. EXISTING STONE CURB
6. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
7. POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70, 1 1/4"
8. POLYMERIZED LEVELING BINDER MM, IL-9.5FG, N70, 1"
9. PAVEMENT MARKING
10. COMBINATION PCC B6.18 CURB & GUTTER, AEP
11. AGGREGATE BASE COURSE, TYPE B, 6"
12. TOPSOIL FURNISH AND PLACE, 4"
13. PCC SIDEWALK, 5 INCH

*LEFT TURN LANE TAPER STA. 280+19.9 TO STA 280.93.5

** BEGIN PR PCC B6.18 C&G STA. 280+86.24
BEGIN PR PCC SIDEWALK STA. 280+98.29

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CITY OF DANVILLE, 17 WEST MAIN STREET
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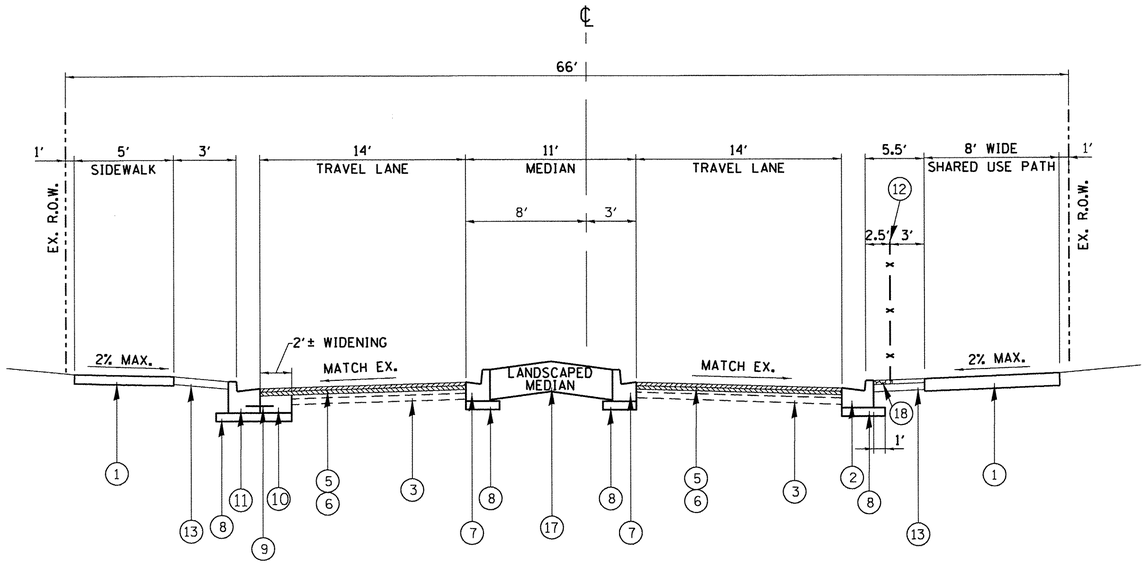
DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

DANVILLE HIGH SCHOOL SHARED USE PATH
FAIRCHILD STREET I

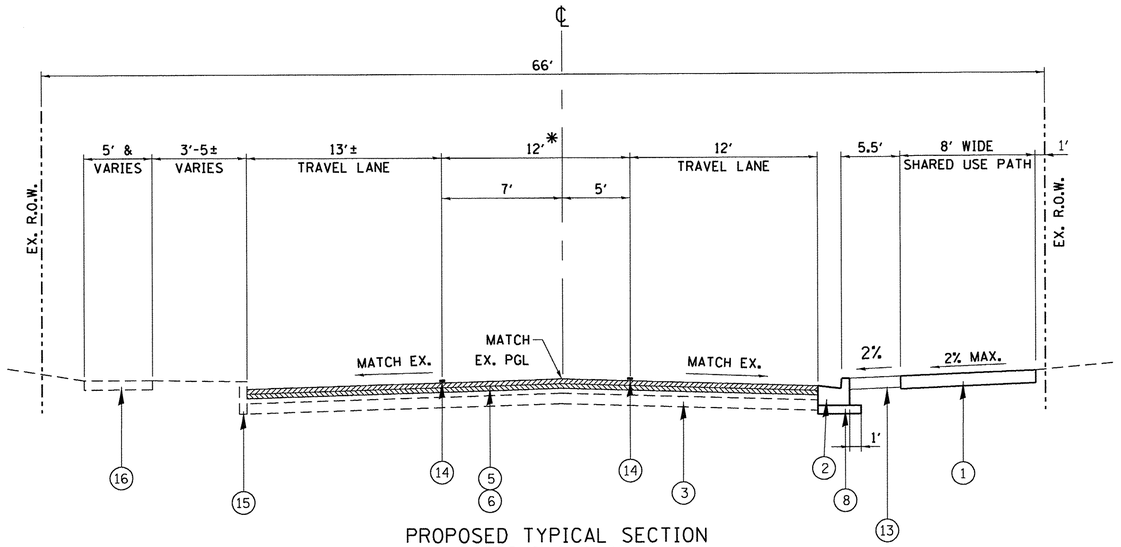
SCALE: NTS | TYPICAL SECTIONS

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
•	12-00348-00-BT	Vermilion	94	09
CONTRACT NUMBER 91498				



PROPOSED TYPICAL SECTION
FAIRCHILD STREET

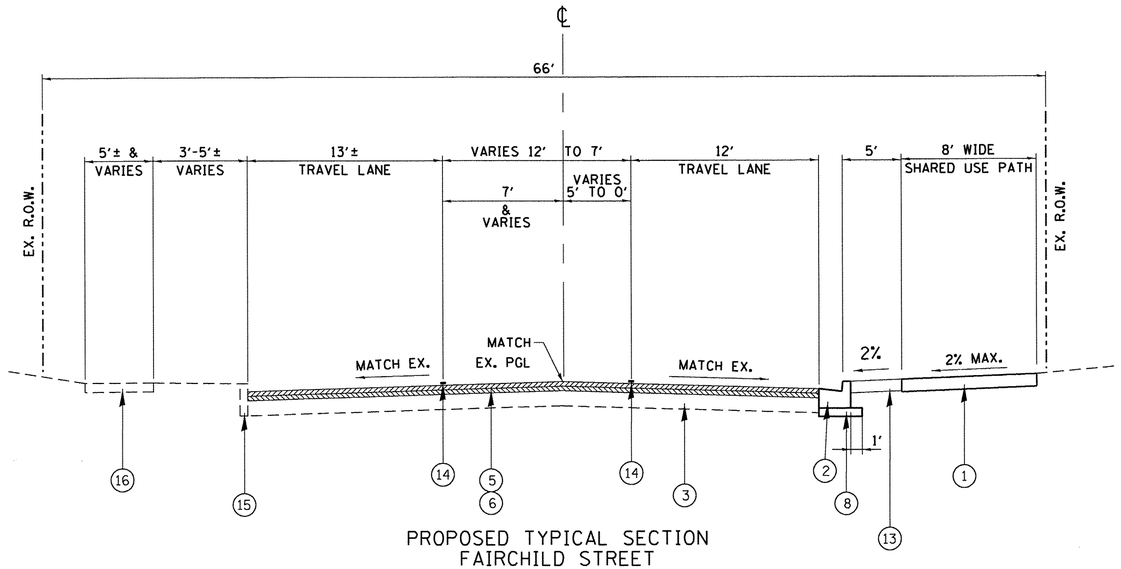
STA. 282+28.61 TO STA. 286+21.56



PROPOSED TYPICAL SECTION
FAIRCHILD STREET

STA. 287+24.32 TO STA. 293+54.16

* LEFT TURN TAPER STA. 291+89.16 TO STA. 292+79.16
LEFT TURN LANE STA. 292+79.16 TO 293+54.16



PROPOSED TYPICAL SECTION
FAIRCHILD STREET

STA. 294+06.30 TO 295+64.08
STA. 295+64.08 TO 296+45.37 (BRIDGE OMISSION)
STA. 296+45.37 TO STA. 299+66.65

LEGEND

1. PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
2. COMBINATION CURB AND GUTTER, TYPE B-6.18, AEP
3. EXISTING BRICK BASE
4. HOT-MIX ASPHALT SURFACE REMOVAL, 2¼″
5. POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70, 1¼″
6. POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N70, 1″
7. COMBINATION CURB AND GUTTER, TYPE B-9.12, AEP
8. AGGREGATE BASE COURSE, TYPE B, 6″
9. #6 TIE BARS 30″ @ 24″ O.C.
10. PCC BASE COURSE WIDENING, 8″
11. COMBINATION CURB AND GUTTER, TYPE B-6.18
12. ORNAMENTAL METAL FENCE (3′-6″ HEIGHT)
13. TOPSOIL FURNISH AND PLACE, 4″
14. PAVEMENT MARKING
15. EXISTING STONE CURB
16. EXISTING PCC OR BRICK SIDEWALK
17. TOPSOIL FURNISH AND PLACE, 12″
18. LANDSCAPING GRAVEL

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CITY OF DANVILLE, 17 WEST MAIN STREET
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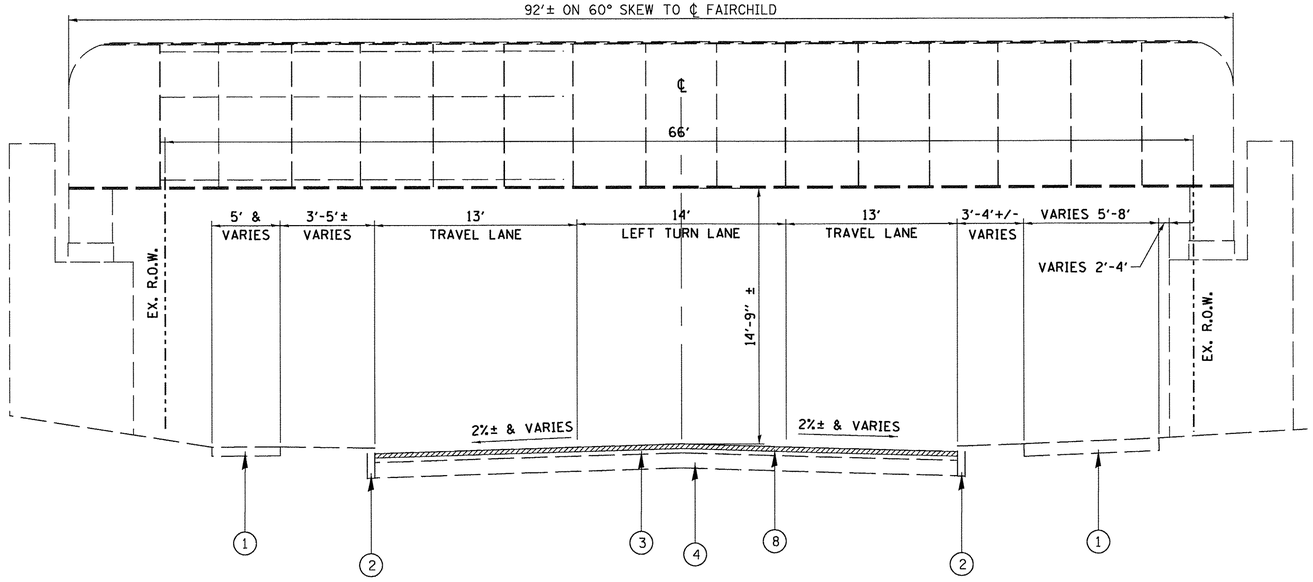
DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

DANVILLE HIGH SCHOOL SHARED USE PATH
FAIRCHILD STREET II

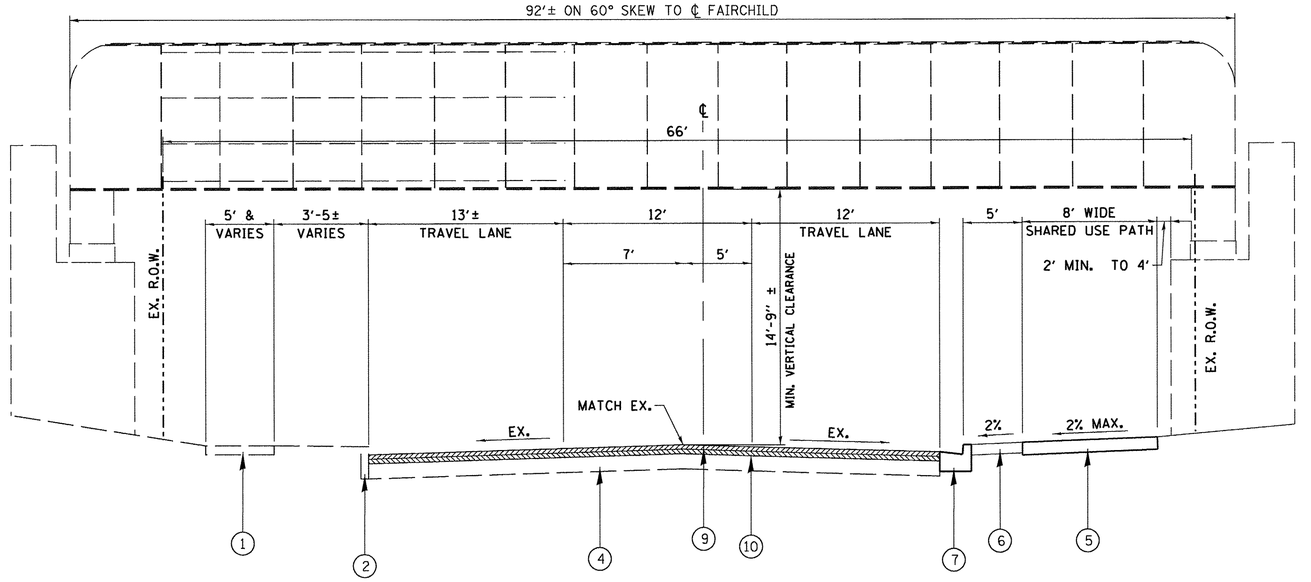
SCALE: NTS | TYPICAL SECTIONS

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
*	12-00348-00-BT	Vermilion	94	10
	CONTRACT NUMBER 91498			



EXISTING TYPICAL SECTION
FAIRCHILD STREET UNDER MP108.83-CR

STA. 294+56.45 to STA. 294+90.75



PROPOSED TYPICAL SECTION
FAIRCHILD STREET UNDER MP108.83-CR

STA. 294+56.45 to STA. 294+90.75

LEGEND

1. EXISTING PCC OR BRICK SIDEWALK
2. EXISTING STONE CURB
3. EXISTING HOT MIX ASPHALT PAVEMENT
4. EXISTING BRICK BASE
5. PCC SIDEWALK 5 INCH
6. TOP SOIL FURNISH AND PLACE, 4"
7. COMBINATION PCC B6.18 CURB & GUTTER, AEP
8. HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"
9. POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX D, N70, 1 1/4"
10. POLYMERIZED LEVELING BINDER MM, IL-9.5FG, N70, 1"

FILE LOCATION = X:\Projects\City\Current\12-00348-00-BT DHS SHARED PATH\CIVIL\CONSTRUCTION\TYPICAL SECTIONS.DGN

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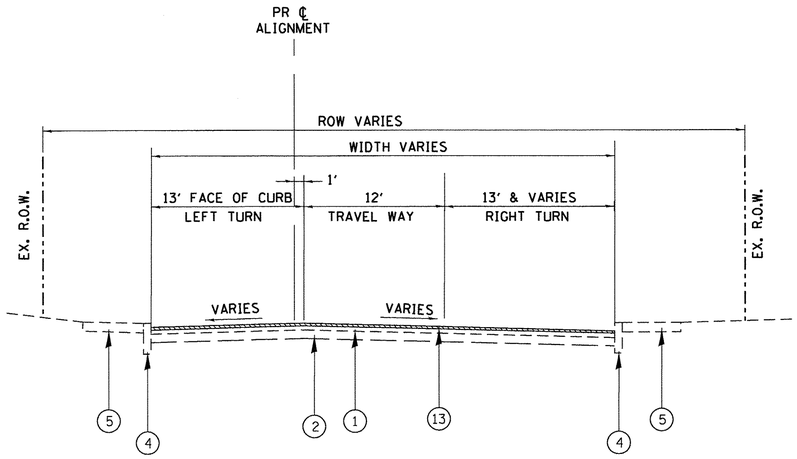
DANVILLE HIGH SCHOOL SHARED USE PATH
FAIRCHILD ST. UNDER MP108.83-CR

SCALE: NTS | TYPICAL SECTIONS

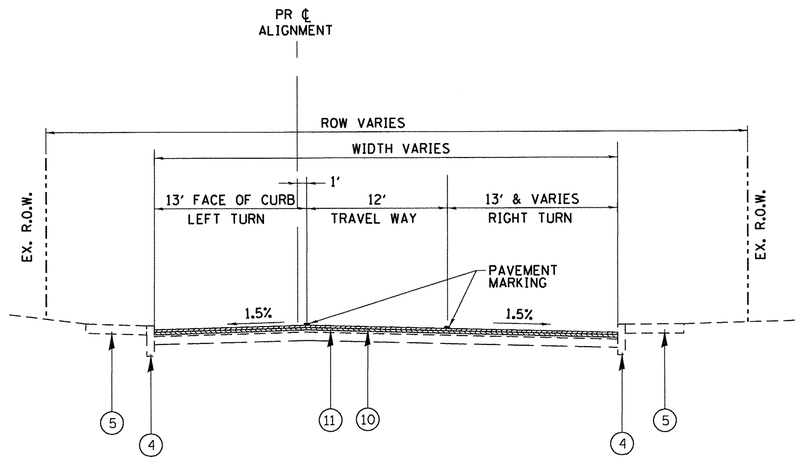
RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
•	12-00348-00-BT	Vermilion	94	11
	CONTRACT NUMBER 91498			



EXISTING TYPICAL SECTION
JACKSON STREET

STA. 48+91.3 TO STA. 49+66.2

NOTE:
PAVEMENT THICKNESS AND MATERIAL IS ESTIMATED BASED ON PAVEMENT CORES AT SPECIFIC LOCATIONS AND EXISTING PLANS. THICKNESS AND MATERIAL MAY VARY.



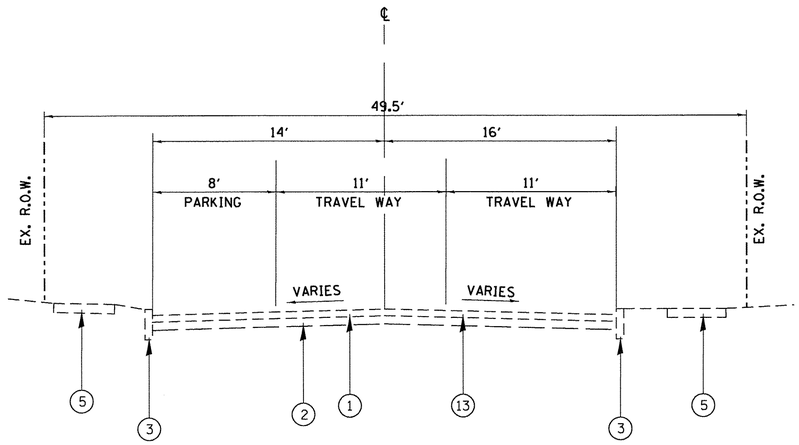
PROPOSED TYPICAL SECTION
JACKSON STREET

STA. 48+91.3 TO STA. 49+66.2

NOTE: HMA RESURFACING TO START AT STA. 49+15.74

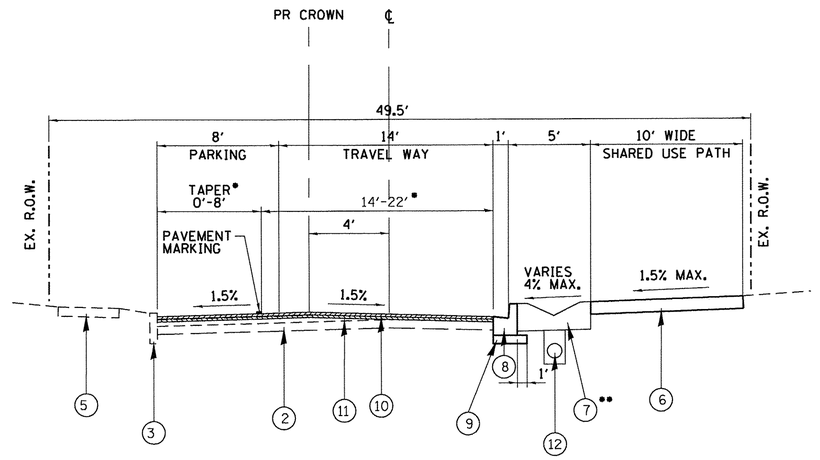
LEGEND

(1) EXISTING HOT-MIX ASPHALT PAVEMENT 5"±
(2) EXISTING BRICK BASE
(3) EXISTING STONE CURB
(4) EXISTING PCC CURB WITH UNKNOWN GUTTER WIDTH
(5) EXISTING SIDEWALK (PCC OR BRICK)
(6) PORTLAND CEMENT CONCRETE SIDEWALK, 5"
(7) TOPSOIL FURNISH AND PLACE, SPECIAL
(8) COMBINATION CURB AND GUTTER, TYPE B-6.12 (ABUTTING EX PAVEMENT)
(9) AGGREGATE BASE COURSE, TYPE A, 6"
(10) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 1¼"
(11) POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N50, 1"
(12) PIPE UNDERDRAINS 4"
(13) HMA SURFACE REMOVAL, VARIABLE DEPTH



EXISTING TYPICAL SECTION
JACKSON STREET

STA. 50+53.30 TO STA. 60+00.00



PROPOSED TYPICAL SECTION
JACKSON STREET

STA. 50+53.30 TO STA. 58+91.27

• TAPER STRIPING SECTION STA. 50+53.30 TO STA. 51+41.20 & STA. 58+91.27 TO STA. 59+25.76

•• CONSTRUCT A DEPRESSED AREA BETWEEN BACK OF CURB AND SHARED USE PATH MAXIMUM 6" DEPTH

FILE LOCATION=
X:\Projects\City\Current\12-00348-00-BT DHS SHARED PATH\CIVIL\CONSTRUCTION\TYPICAL SECTIONS.DGN

DESIGNED	- ENC	REVISED	-
DRAWN	- ENC	REVISED	-
CHECKED	- RDS	REVISED	-
DATE	- 8/31/2016	REVISED	-

CITY OF DANVILLE, 17 WEST MAIN STREET
DANVILLE, ILLINOIS 61832
TELEPHONE: 217.431.2400

DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

DANVILLE HIGH SCHOOL SHARED USE PATH
JACKSON STREET

SCALE: NTS | TYPICAL SECTIONS

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
•	12-00348-00-BT	Vermilion	94	12
CONTRACT NUMBER 91498				

SCHEDULE OF QUANTITIES

PAVEMENT SCHEDULE

LOCATION				35101800	35400300	40600290	40600627	40600839	40603510	40603540	40800050	44200138	XX005283
				AGGREGATE BASE COURSE, TYPE B 6"	PCC BASE COURSE WIDENING 8"	BITUMINOUS MATERIALS (TACK COAT)	LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N50	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-9.5FG, N70	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	INCIDENTAL HOT-MIX ASPHALT SURFACING	PAVEMENT PATCHING, TYPE IV, 11 INCH	BRICK PAVER CROSSWALK
STREET	STATION	OFFSET	STATION	SQ YD	SQ YD	POUND	TON	TONS	TON	TONS	TONS	SQ YD	SQ FT
FAIRCHILD	280+83.00		286+63.00					96		120			
FAIRCHILD	280+86.30	LT	282+21.78	25	25								
FAIRCHILD	281+91.82	RT	282+30.28	12	12								
FAIRCHILD	282+34.93		282+44.93										306
FAIRCHILD	282+44.92	LT	286+24.83	80	80								
FAIRCHILD	282+44.93		286+63.00			1215							
FAIRCHILD	282+50.32	RT	282+63.94	4	4								
FAIRCHILD	283+61.49	LT	283+64.33	4	4								
FAIRCHILD	286+21.31		286+57.68	24	24								
FAIRCHILD	286+63.00		286+71.00										287
FAIRCHILD	286+71.00		295+29.28			3134		195		244			
FAIRCHILD	289+38.30	RT	289+42.64	9	9								
FAIRCHILD	292+38.51	RT	292+43.31	7	7								
FAIRCHILD	294+31.56	RT	294+40.37	4	4								
FAIRCHILD	296+79.10		299+98.97			1134		71		88			
FAIRCHILD	297+12.24	RT	297+42.55									67	
JACKSON	49+20.95	RT	49+49.12	8	8								
JACKSON	49+22.24		49+81.29				16		20				
JACKSON	49+22.24		49+81.29										
JACKSON	49+22.24		49+81.29			259							
JACKSON	49+43.26		49+77.61	24									
JACKSON	50+22.15		59+84.03				135		171				
JACKSON	50+22.15		60+00.00			2166							
KINGDOM						19					5		
SIDELL						38					11		
WASHINGTON						31					9		
TOTAL				202	177	7995	151	361	192	452	25	67	593

ENTRANCE SCHEDULE

LOCATION					X4021000	X4022000	42300200	42300400	42000900
					TEMPORARY ACCESS (PRIVATE ENTRANCE)	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	HIGH-EARLY-STRENGTH PORTLAND CEMENT CONCRETE PAVEMENT 8"
STREET	STATION	OFFSET	TYPE	WIDTH/MATERIAL	EACH	EACH	SQ YD	SQ YD	SQ YD
FAIRCHILD	283+45.46	LT	C.E.	20' CONCRETE		1		21	
FAIRCHILD	287+22.30	RT	C.E.	67' CONCRETE		1		99	
FAIRCHILD	291+77.13	RT	C.E.	20' CONCRETE		1		33	
FAIRCHILD	297+14.51	RT	C.E.	66' CONCRETE		1		253	253
JACKSON	50+99.83	RT	P.E.	15.4' CONCRETE	1		27		
JACKSON	51+81.37	RT	P.E.	12' CONCRETE	1		21		
JACKSON	52+21.08	RT	P.E.	12' CONCRETE	1		23		
JACKSON	55+12.08	RT	P.E.	20' CONCRETE	1		22		
JACKSON	56+73.38	RT	P.E.	18' CONCRETE	1		32		
JACKSON	56+97.42	RT	P.E.	12' CONCRETE	1		21		
TOTAL					6	4	145	405	253

FENCING SCHEDULE

LOCATION				50901735	66400305	66407500	X201100	X6640300	X6640304
				BRIDGE FENCE RAILING (SIDEWALK)	CHAIN LINK FENCE, 6'	CHAIN LINK GATES, 6'X10' DOUBLE	TEMPORARY FENCING (SPECIAL)	CHAIN LINK FENCE REMOVAL	CHAIN LINK FENCE TO BE REMOVED AND RE-ERECTED
ROAD	STA. FROM	STA. TO	OFFSET	FOOT	FOOT	EACH	FOOT	FOOT	FOOT
FAIRCHILD	287+20.20	287+47.60	RT						27
FAIRCHILD	287+22.08	293+35.67	RT					622	
FAIRCHILD	295+38.32	296+40.78	RT	98					
FAIRCHILD	295+45.25	296+47.58	RT						
FAIRCHILD	295+74.08	296+72.02	LT	102					
FAIRCHILD	287+58.95	293+32.38	RT				592		
FAIRCHILD	290+56.8611	291+66.86	RT		117	1			
FAIRCHILD	294+69.87	295+47.84	RT		78				
FAIRCHILD	291+86.86	293+36.06	RT		149				
JACKSON	57+43.84	60+30.07	RT						386
TOTAL				200	344	1	592	622	413

SCHEDULE OF QUANTITIES

SIDEWALK SCHEDULE

LOCATION				42400200	X4240430	42400800
				PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH, SPECIAL	DETECTABLE WARNINGS
STREET	STATION	OFFSET	STATION	SQ FT	SQ FT	SQ FT
FAIRCHILD	280+98.20	LT	281+67.24	345		
FAIRCHILD	281+67.24	LT	281+95.68		179	21
FAIRCHILD	281+73.48	RT	282+11.44		346	34
FAIRCHILD	282+23.54	LT	282+51.92		319	37
FAIRCHILD	282+31.31	RT	282+48.96		180	63
FAIRCHILD	282+34.35		282+45.00		89	40
FAIRCHILD	282+51.92	LT	283+35.46	448		
FAIRCHILD	282+65.12	RT	282+74.68	124		
FAIRCHILD	282+67.16	RT	282+88.68		195	21
FAIRCHILD	282+86.19	RT	286+60.50	3009		
FAIRCHILD	283+55.46	LT	286+19.81	1322		
FAIRCHILD	286+19.81	LT	286+28.80		48	10
FAIRCHILD	286+52.28	LT	286+71.00		132	26
FAIRCHILD	286+60.50	RT	286+73.00		152	16
FAIRCHILD	286+73.00	RT	286+81.96	68		
FAIRCHILD	287+47.58	RT	291+67.13	3356		
FAIRCHILD	291+87.13	RT	295+53.03	2908		
FAIRCHILD	296+29.44	RT	296+82.53	395		
FAIRCHILD	297+35.29	RT	299+59.37	1793		
JACKSON	50+37.36	LT	5052+57.00	73		
JACKSON	50+47.50	RT	50+92.11	446		
JACKSON	51+07.55	RT	51+75.38	678		
JACKSON	51+87.37	RT	52+15.08	277		
JACKSON	52+27.08	RT	53+36.85	1098		
JACKSON	53+36.81	RT	53+50.85		155	23
JACKSON	53+80.21	RT	53+94.18		154	23
JACKSON	53+94.18	RT	55+02.08	1079		
JACKSON	55+22.08	RT	56+64.38	1423		
JACKSON	56+82.38	RT	56+91.43	90		
JACKSON	57+03.43	RT	59+56.33	2533		
TOTAL				21465	1948	313

PAVEMENT REMOVAL SCHEDULE

LOCATION				44000100	44000158	X4401198
				PAVEMENT REMOVAL	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH
STREET	STATION	OFFSET	STATION	SQ YD	SQ YD	SQ YD
FAIRCHILD	280+83.00		286+63.00		1948	
FAIRCHILD	280+86.26	LT	281+40.64	6		
FAIRCHILD	281+71.78	RT	282+63.94	49		
FAIRCHILD	281+86.16	LT	282+21.78	13		
FAIRCHILD	282+28.65	MEDIAN	286.39.32	477		
FAIRCHILD	282+34.93	CROSSWALK	282+44.93	32		
FAIRCHILD	282+63.58	RT	286+39.32	139		
FAIRCHILD	283+61.49	LT	283+64.33	4		
FAIRCHILD	286+21.37		286+24.79	15		
FAIRCHILD	286+24.79	LT	286+71.00	19		
FAIRCHILD	286+39.32	RT	293+80.13	286		
FAIRCHILD	286+63.00	CROSSWALK	286+71.00	32		
FAIRCHILD	286+71.00		295+29.28		3482	
FAIRCHILD	289+38.27	RT	289+42.61	9		
FAIRCHILD	292+38.74	RT	292+43.09	7		
FAIRCHILD	293+80.13	RT	295+29.21	119		
FAIRCHILD	294+31.56	RT	294+40.36	4		
FAIRCHILD	296+79.10		299+98.97		1260	
FAIRCHILD	296+79.14	RT	299+72.84	212		
JACKSON	49+22.24		49+81.29		288	
JACKSON	50+22.15		60+00.00			2408
JACKSON	50+27.84	RT	53+52.40	272		
JACKSON	53+78.64	RT	59+56.15	460		
KINGDOM					43	
SECTION					81	
SIDELL					84	
WASHINGTON					35	
TOTAL				2154	7221	2408

CURB SCHEDULE

LOCATION				60603900	60604400	60604500	60605900	60600605	X0324058
				COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (ABUTTING EXISTING PAVEMENT)	COMBINATION CURB AND GUTTER TYPE B-6.18	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18 (ABUTTING EXISTING PAVEMENT)	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-9.12	CONCRETE CURB, TYPE B	OUTLET SPECIAL
STREET	STATION	STATION	OFFSET	FOOT	FOOT	FOOT	FOOT	FOOT	
FAIRCHILD	278+72.12	278+92.32	LT			29			
FAIRCHILD	279+17.35	279+37.55	RT			29			
FAIRCHILD	279+19.74	279+39.54	LT			29			
FAIRCHILD	280+86.24	281+98.30	LT		121				
FAIRCHILD	281+71.77	282+12.00	RT			53			
FAIRCHILD	282+28.61	286+21.56	MEDIAN				792		
FAIRCHILD	282+32.66	286+29.43	LT		403				
FAIRCHILD	282+63.03	295+29.14	RT			1290			
FAIRCHILD	286+49.95	286+71.00	LT			27			
FAIRCHILD	286+65.74	286+81.96	RT					26	
FAIRCHILD	291+89.78	295+29.21	RT						
FAIRCHILD	296+80.61	299+71.96	RT			293			
JACKSON	50+27.84	53+51.43	RT	343					
JACKSON	53+79.63	60+83.23	RT	721					
JACKSON	54+92.73	54+96.23	RT						
JACKSON	54+92.73	54+96.23	RT						1
JACKSON	57+42.73	57+46.23	RT						1
JACKSON	57+42.73	57+46.23	RT						
JACKSON	59+30.37	60+83.23	LT	142					
TOTAL				1206	524	1750	792	26	2

SCHEDULE OF QUANTITIES

REMOVALS SCHEDULE

LOCATION				44000200	44000300	44000600	X4403300	XZ127900	Z0012455
				DRIVEWAY PAVEMENT REMOVAL	CURB REMOVAL	SIDEWALK REMOVAL	CONCRETE MEDIAN REMOVAL	RETAINING WALL REMOVAL	CONCRETE STEP REMOVAL
STREET	STATION	OFFSET	STATION	SQ YD	FEET	SQ FT	SQ FT	FOOT	EACH
FAIRCHILD	280+86.15	LT	281+96.59		106				
FAIRCHILD	280+98.29	LT	281+95.71			617			
FAIRCHILD	281+17.09	LT		9					
FAIRCHILD	281+71.77	RT	282+12.00		54				
FAIRCHILD	281+73.45	RT	282+11.52			355			
FAIRCHILD	281+86.16	LT	282+21.78						
FAIRCHILD	282+26.92	LT	286+22.38		409				
FAIRCHILD	282+27.42	LT	283+34.93			668			
FAIRCHILD	282+34.11	LT	282+57.23					37	
FAIRCHILD	282+57.21	LT	282+61.21						1
FAIRCHILD	282+61.27	LT	283+18.14					65	
FAIRCHILD	282+64.44	RT	286+39.32		399				
FAIRCHILD	282+64.93	RT	286+66.32			3587			
FAIRCHILD	283+22.99	LT	283+35.07					18	1
FAIRCHILD	283+45.46	LT		84					
FAIRCHILD	283+98.64	LT	286+26.83		18	1100			
FAIRCHILD	286+39.32	RT	293+80.13		429				
FAIRCHILD	286+55.41	LT	286+71.00			78			
FAIRCHILD	287+22.30	RT		136					
FAIRCHILD	287+46.77	RT	291+67.13			2121			
FAIRCHILD	288+00.83	RT	289+52.20		152				
FAIRCHILD	291+67.13	RT	295+29.05			1883			
FAIRCHILD	291+77.13	RT		16					
FAIRCHILD	291+89.78	RT	295+29.21		339				
FAIRCHILD	295+29.13	RT	295+48.87			102			
FAIRCHILD	295+71.04	LT	295+81.79			28			
FAIRCHILD	296+26.70	RT	296+71.27			200			
FAIRCHILD	296+59.51	LT	296+72.58			52			
FAIRCHILD	297+14.51	RT		209					
FAIRCHILD	297+49.55	RT	299+59.37			987			
FAIRCHILD	297+64.83	RT	299+72.84		208				
JACKSON	49+20.95		49+77.82				227		
JACKSON	50+37.36	LT	50+52.57			73			
JACKSON	50+43.09	RT	53+51.27		233				
JACKSON	50+43.12	RT	50+91.57			236			
JACKSON	50+99.83	RT		14					
JACKSON	51+23.82	RT		21					
JACKSON	51+38.94	RT	52+73.05			598			
JACKSON	51+81.37	RT		5					
JACKSON	52+21.08	RT		5					
JACKSON	52+77.98	RT		11					
JACKSON	52+82.85	RT	53+49.89			281			
JACKSON	53+79.50	RT	60+00.00		556				
JACKSON	53+80.87	RT	54+99.19			459			
JACKSON	55+12.08	RT		24					
JACKSON	55+22.05	RT	56+64.61			624			
JACKSON	56+05.13	RT		9					
JACKSON	56+73.38	RT		20					
JACKSON	56+82.66	RT	57+41.90			257			
JACKSON	56+97.42	RT		7					
JACKSON	57+46.16	RT		7					
JACKSON	57+49.41	RT	59+94.47			994			
TOTAL				574	2904	15298	227	120	2

MANHOLE SCHEDULE

LOCATION			60218300	60224439	60224446	60255500
			MANHOLES, TYPE A, 4' DIAMETER, TYPE 1 FRAME, OPEN LID	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 23 FRAME AND GRATE	MANHOLES, TYPE A, 7' DIAMETER, TYPE 1 FRAME, CLOSED LID	MANHOLES TO BE ADJUSTED
ROAD	STATION	OFFSET	EACH		EACH	EACH
FAIRCHILD	281+95.73	LT	1			
FAIRCHILD	283+62.91	RT				1
FAIRCHILD	286+23.08	RT			1	
FAIRCHILD	290+70.20	RT				1
FAIRCHILD	297+05.56			1		
FAIRCHILD	297+38.85	LT				1
JACKSON	49+59.47	RT				1
JACKSON	53+70.65	RT				1
TOTAL			1	1	1	5

SIGNING SCHEDULE

LOCATION		DESCRIPTION		72000100	72900100
				SIGN PANEL TYPE 1	METAL POSTS TYPE A
ROAD	STATION	SIGN LEGEND SYMBOL	CODE	SQ FT	FOOT
FAIRCHILD	281+62.39	ONE WAY (RIGHT)	R6-1R	3	
FAIRCHILD	281+62.39	NO LEFT TURN	R3-2	4	
FAIRCHILD	282+40.00	ONE WAY (LEFT)	R6-1L	3	
FAIRCHILD	282+40.00	ONE WAY (RIGHT)	R6-1R	3	
FAIRCHILD	282+54.08	ONE WAY (LEFT)	R6-1L	3	
FAIRCHILD	282+54.08	NO RIGHT TURN	R3-1	4	
FAIRCHILD	284+63.06	SCHOOL ADVANCE CROSSING ASSEMBLY	S1-1	9	13
FAIRCHILD	284+63.06	SCHOOL ADVANCE CROSSING ASSEMBLY	W16-2aP	2	
FAIRCHILD	286+61.87	PEDESTRIAN SIGN	W11-2	9	
FAIRCHILD	286+61.87	ARROW PLAQUE	W16-7P	2	
FAIRCHILD	286+61.87	CROSSWALK SIGN	R10-25	1	
FAIRCHILD	286+76.14	PEDESTRIAN SIGN	W11-2	9	
FAIRCHILD	286+76.14	ARROW PLAQUE	W16-7P	2	
FAIRCHILD	286+76.14	CROSSWALK SIGN	R10-25	1	
FAIRCHILD	288+79.73	SCHOOL ADVANCE CROSSING ASSEMBLY	S1-1	9	13
FAIRCHILD	288+79.73	SCHOOL ADVANCE CROSSING ASSEMBLY	W16-2aP	2	
FAIRCHILD	292+20.70	LOW CLEARANCE	W12-2	6	
TOTAL				72	26

SCHEDULE OF QUANTITIES

PAVEMENT MARKING SCHEDULE

LOCTION			78000100 THERMOPLASTIC PAVEMENT MARKING - LETTERS & SYMBOLS	78000200 THERMOPLASTIC PAVEMENT MARKING - LINE 4"	78000400 TERMOPLASTIC PAVEMENT MARKING - LINE 6"	78000600 THERMOPLASTIC PAVEMENT MARKING - LINE 12"	78000650 THERMOPLASTIC PAVEMENT MARKING - LINE 24"	78008210 POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	78008230 POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	78008250 POLYUREA PAVEMENT MARKING TYPE I - LINE 12"
ROAD	STA. FROM	STA. TO/TYPE	SQ FT	FOOT	FOOT	FOOT	FOOT	FOOT		
FAIRCHILD	281+69	STOP BAR					25			
FAIRCHILD	281+74	CROSS WALK			41					
FAIRCHILD	281+80	CROSS WALK			41					
FAIRCHILD	282+34	SOLID			15					
FAIRCHILD	282+34	SOLID			18					
FAIRCHILD	282+46	SOLID			14					
FAIRCHILD	282+46	SOLID			15					
FAIRCHILD	282+48	STOP BAR					13			
FAIRCHILD	286+62	SOLID			36					
FAIRCHILD	286+72	SOLID			37					
FAIRCHILD	287+24	293+53		2371		492				
FAIRCHILD	292+78	TURN ARROW	31		75					
FAIRCHILD	294+07	295+29		497		63				
FAIRCHILD	295+29	296+79						600		
FAIRCHILD	295+29	296+79								58
FAIRCHILD	296+79	299+66		1155		189				
FAIRCHILD	299+72	CROSSWALK							50.1	
FAIRCHILD	299+81	CROSSWALK							35.2	
FAIRCHILD	300+01						12			
FAIRCHILD	280+96	TURN ARROW	31	150	75					
JACKSON	49+31	49+65			39	19				
JACKSON	49+58	STOP BAR					42			
JACKSON	49+65	CROSSWALK			46					
JACKSON	49+76	CROSSWALK			54					
JACKSON	49+76	49+82			16	6				
JACKSON	50+30	CROSSWALK			33					
JACKSON	50+36	CROSSWALK			25.3					
JACKSON	50+41	51+41				44				
JACKSON	50+41	53+63			323.3					
JACKSON	50+74	THROUGH ARROW	12							
JACKSON	53+12	THROUGH ARROW	12							
JACKSON	53+71	59+18			549					
JACKSON	54+44	THROUGH ARROW	23							
JACKSON	62+44	SKIP DASH			18					
JACKSON	63+63	SKIP DASH			18					
JACKSON	48+82	49+45			49					
JACKSON	48+82	TURN ARROW	85		76					
TOTAL			194	4173	1614	813	92	600	85	58

LIGHTING SCHEDULE

LOCATION			TYPE			REMARKS
NO.	STATION	OFFSET	HEIGHT	M.A.	POLE	
1-B-01	282+55.51	2.50' LT	35'	8'	TYPE 1	TWIN LIGHT UNIT
1-A-01	283+44.99	2.53' LT	35'	8'	TYPE 1	TWIN LIGHT UNIT
1-B-02	284+69.99	2.57' LT	35'	8'	TYPE 1	TWIN LIGHT UNIT
1-A-02	285+95.00	2.50' LT	35'	8'	TYPE 1	TWIN LIGHT UNIT
1-B-03	286+73.80	23.30' LT	35'	8'	TYPE 2	ROADWAY/PEDESTRIAN UNIT
1-A-03	287+74.82	21.08' RT	35'	8'	TYPE 2	ROADWAY/PEDESTRIAN UNIT
1-B-04	289+24.82	21.08' RT	35'	8'	TYPE 2	ROADWAY/PEDESTRIAN UNIT
1-A-04	290+74.82	21.23' RT	35'	8'	TYPE 2	ROADWAY/PEDESTRIAN UNIT
1-B-05	292+24.74	21.13' RT	35'	8'	TYPE 2	ROADWAY/PEDESTRIAN UNIT
1-A-05	293+74.70	20.60' RT	35'	8'	TYPE 2	ROADWAY/PEDESTRIAN UNIT
1-B-06	295+16.39	15.29' RT	35'	8'	TYPE 2	ROADWAY/PEDESTRIAN UNIT
1-A-06	298+08.00	17.55' RT	35'	8'	TYPE 2	ROADWAY/PEDESTRIAN UNIT

FILE LOCATION = X:\Projects\City\Current\12-00348-00-BT DHS SHARED PATH\CIVIL\CONSTRUCTION\SOQ.DGN

DESIGNED	-	REVISED -
DRAWN	- MDS	REVISED -
CHECKED	- ENC	REVISED -
DATE	- 8/31/2016	REVISED -

CITY OF DANVILLE, 17 WEST MAIN STREET
DANVILLE, ILLINOIS 61832
TELEPHONE: 217.431.2400

DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

DANVILLE HIGH SCHOOL SHARED USE PATH
SCHEDULE OF QUANTITIES IV

SCALE: N/A

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEET SHEETS	NO.
•	12-00348-00-BT	Vermilion	94	16
CONTRACT NUMBER 91498				

SCHEDULE OF QUANTITIES

SEEDING & FERTILIZER SCHEDULE

LOCATION				25000110	20101400	20101500	20101600
				SEEDING, CLASS 1A	NITROGEN FERTILIZER	PHOSPHORUS FERTILIZER	POTASSIUM FERTILIZER
ROAD	STA. FROM	STA. TO	OFFSET	ACRE	POUND	POUND	POUND
FAIRCHILD	28332.27	28662.5	RT	0.02	0.54	0.54	0.54
FAIRCHILD	280+35.41	281+73.26	LT	0.01	0.99	0.99	0.99
FAIRCHILD	281+73.41	282+06.89	RT	0.01	0.54	0.54	0.54
FAIRCHILD	282+54.08	283+35.46	LT	0.01	0.72	0.72	0.72
FAIRCHILD	282+61.21	282+92.69	LT	0.01	1.44	1.44	1.44
FAIRCHILD	282+77.29	283+32.48	RT	0.02	0.97	0.97	0.97
FAIRCHILD	282+92.77	283+35.46	LT	0.01	3.60	3.60	3.60
FAIRCHILD	283+16.22	286+00	RT	0.04	2.03	2.03	2.03
FAIRCHILD	283+55.46	284+26.28	LT	0.02	1.61	1.61	1.61
FAIRCHILD	283+55.46	286+00	LT	0.02	1.44	1.44	1.44
FAIRCHILD	286+00	286+25.74	LT	0.00	0.18	0.18	0.18
FAIRCHILD	286+00	286+59.02	RT	0.01	0.72	0.72	0.72
FAIRCHILD	286+66.32	286+80.99	RT	0.00	0.27	0.27	0.27
FAIRCHILD	287+47.58	291+67.37	RT	0.26	23.04	23.04	23.04
FAIRCHILD	287+48.97	291+67.13	RT	0.05	4.23	4.23	4.23
FAIRCHILD	291+86.76	292+00	RT	0.00	0.36	0.36	0.36
FAIRCHILD	291+87.13	292+00	RT	0.00	0.09	0.09	0.09
FAIRCHILD	292+00	293+63.29	RT	0.04	3.76	3.76	3.76
FAIRCHILD	292+00	295+29.14	RT	0.04	3.17	3.17	3.17
FAIRCHILD	293+59.24	294+36.45	RT	0.01	0.77	0.77	0.77
FAIRCHILD	294+69.11	295+46.39	RT	0.01	0.75	0.75	0.75
FAIRCHILD	296+24.47	296+74.14	RT	0.01	1.26	1.26	1.26
FAIRCHILD	297+45.04	298+00	RT	0.02	1.44	1.44	1.44
FAIRCHILD	297+45.07	298+00	RT	0.01	0.45	0.45	0.45
FAIRCHILD	298+00	299+66.17	RT	0.03	2.65	2.65	2.65
JACKSON	50+34.14	50+75	RT	0.01	1.03	1.03	1.03
JACKSON	50+39.72	50+75	RT	0.00	0.29	0.29	0.29
JACKSON	50+75	50+92.10	RT	0.00	0.36	0.36	0.36
JACKSON	50+75	52+38.73	RT	0.03	2.65	2.65	2.65
JACKSON	51+7.72	51+75.55	RT	0.01	0.59	0.59	0.59
JACKSON	51+87.55	52+15.08	RT	0.00	0.23	0.23	0.23
JACKSON	52+27.08	53+45.96	RT	0.01	1.05	1.05	1.05
JACKSON	52+88.87	53+42.85	RT	0.01	0.63	0.63	0.63
JACKSON	53+85.10	55+10.08	RT	0.01	1.08	1.08	1.08
JACKSON	55+01.18	55+68.30	RT	0.01	0.81	0.81	0.81
JACKSON	55+22.08	56+00	RT	0.01	0.71	0.71	0.71
JACKSON	56+00	56+64.37	RT	0.01	0.57	0.57	0.57
JACKSON	56+22.90	56+39.37	RT	0.02	1.98	1.98	1.98
JACKSON	56+42.95	56+64.59	RT	0.00	0.26	0.26	0.26
JACKSON	56+82.63	56+94.34	RT	0.00	0.14	0.14	0.14
JACKSON	56+82.37	56+91.42	RT	0.00	0.05	0.05	0.05
JACKSON	57+03.43	59+94.48	RT	0.03	2.69	2.69	2.69
JACKSON	57+02.62	57+42.77	RT	0.01	0.48	0.48	0.48
JACKSON	57+42.75	61+31.14	RT	0.09	8.23	8.23	8.23
TOTAL				1.00	81	81	81

PEDESTRIAN BARRIER SCHEDULE

LOCATION				XX007297	XX007298	XX006653	XX004101	XX001249
				MASONARY COLUMN, LARGE	MASONARY COLUMN, SMALL	FENCE (SPECIAL)	ORNAMENTAL METAL FENCE	ORNAMENTAL FENCE
ROADWAY	STATION	STATION	OFFSET	EACH	EACH	FOOT	FOOT	FOOT
FAIRCHILD	282+58.72	283+43.72				85		
FAIRCHILD	282+85.50	283+00.85	RT		1		16	
FAIRCHILD	283+02.35	283+31.75	RT		1		32	
FAIRCHILD	283+33.25	283+58.14	RT		1		25	
FAIRCHILD	283+59.64	283+91.64	RT		1		32	
FAIRCHILD	283+93.14	284+25.14	RT		1		32	
FAIRCHILD	284+26.64	284+58.64	RT		1		32	
FAIRCHILD	284+60.14	284+92.14	RT		1		32	
FAIRCHILD	284+93.64	285+25.64	RT		1		32	
FAIRCHILD	285+27.14	285+59.14	RT		1		32	
FAIRCHILD	285+60.64	285+92.64	RT		1		32	
FAIRCHILD	285+94.14	286+26.14	RT		1		32	
FAIRCHILD	286+27.64	286+52.53	RT		2		25	
FAIRCHILD	287+60.86	287+92.86	RT	1				32
FAIRCHILD	287+94.86	288+26.86	RT	1				32
FAIRCHILD	288+28.86	288+60.86	RT	1				32
FAIRCHILD	288+62.86	288+94.86	RT	1				32
FAIRCHILD	288+96.86	289+28.86	RT	1				32
FAIRCHILD	289+30.86	289+62.86	RT	1				32
FAIRCHILD	289+64.83	289+96.83	RT	1				32
FAIRCHILD	289+98.83	290+30.83	RT	1				32
FAIRCHILD	290+32.83	290+54.86	RT	2				22
TOTAL				10	13	85	354	278

LANDSCAPING ITEMS

KEY	PAY ITEM	Code	Botanical Name	Common Name	Size	Spacing	TOTAL	LT/RT	FAIRCHILD	JACKSON
1	D2002972	PIN STR	PINUS STROBUS	EASTERN WHITE PINE	6'bb	12.5'o.c.	11	RT	11	
2	A2006520	QUE BIC	QUERUS BICOLOR	SWAMP WHITE OAK	2.5''bb		3	RT	3	
3	A2004516	GIN PRS	GINKGO BILBOA 'PRINCETON SENTRY	PRINCETON SENTRY GINKGO	2'' bb		8		8	
4		PYR CAL	PYRUS CALLERYANA 'GLENS FORM'	CHANTICLEER PEAR	2.5''bb		5	RT		5
5		GIN MAG	GINKGO BILOBA 'MAGYAR'	MAGYAR GINKGO	2.5''bb		3	RT		3
6	B2006320	SYR RET	SYRINGA RETICULATA 'IVORY SILK'	IVORY SILK JAPANESE TREE LILAC	2.5''bb		6	RT		6
7	A3005208	ZEL SER	ZELKOVA SERRATA 'MUSASHINO'	MUSASHINO COLUMNAR ZELKOVA	2.5''bb		3	RT		3
8	A2005020	GYM DIO	GYMNOCLADUS DIOICUS 'EXPRESSO'	EXPRESSO KENTUCKY COFFEE TREE	2.5''bb		2	RT		2
	C20058G4	RUS ARO	RHUS AROMATICA 'GROW LOW'	GROW LOW FRAGRANT SUMAC	1 gal.	4'0'' o.c.	100		100	
	K0012990	HEM SDO	HEMEROCALIS 'STELLA D'ORO'	STELLA D'ORO' DAYLILY	1 gal.	15'' O.C.	790		790	

FILE LOCATION = X:\Projects\City\Current\12-00348-00-BT DHS SHARED PATH\CIVIL\CONSTRUCTION\SOQ.DGN

DESIGNED	-	
DRAWN	- MDS	
CHECKED	- ENC	
DATE	- 8/31/2016	

REVISED	-
REVISED	-
REVISED	-
REVISED	-

CITY OF DANVILLE, 17 WEST MAIN STREET
DANVILLE, ILLINOIS 61832
TELEPHONE: 217.431.2400

DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

DANVILLE HIGH SCHOOL SHARED USE PATH
SCHEDULE OF QUANTITIES V

SCALE: N/A

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
•	12-00348-00-BT	Vermilion	94	17
	CONTRACT NUMBER 91498			

STORM SEWER SCHEDULE

STRUCTURE ID	ITEM NUMBER	STRUCTURE TYPE	STATION	OFFSET (FT)		RIM ELEV.	INVERTS											NOTES
							PIPE 1 - OUTLET			PIPE 2			PIPE 3			PIPE 4			
							PIPE ID	INV	DIR	PIPE ID	INV	DIR	PIPE ID	INV	DIR	PIPE ID	INV	DIR	
101	X6020074	INLETS TA T3V F&G	281+93.22	21.95	RT	601.54	P101	597.56	E										
111	60218300	MAN TA 4 DIA T1F OL	281+95.73	21.53	LT	601.59	P111	597.30	SE	P112	597.32	N	P115	597.80	W				
112	60240220	INLETS TB T3 F&G	50+41.89	13.90	LT	601.43	P112	597.37	S	P113	597.39	N	P114	597.39	E				
113	60235700	INLETS TA T3 F&G	50+49.37	13.75	LT	601.44	P113	597.43	S										
114	60235700	INLETS TA T3 F&G	50+41.57	11.52	RT	601.51	P114	597.51	W										
115	X6020074	INLETS TA T3V F&G	281+69.65	23.37	LT	601.67	P115	597.87	E	P116	597.89	W							
116	X6020074	INLETS TA T3V F&G	280+91.54	20.28	LT	602.25	P116	598.24	E	P117	598.26	W							
117	X6020074	INLETS TA T3V F&G	280+88.44	20.16	LT	602.27	P117	598.27	E										
121E	60255700	MH ADJ T1F OL	282+63.90	23.35	RT	601.20	EXIST	597.24	NE	EXIST	596.85	S	P101	597.26	W				
130E	60255500	MAN ADJUST	283+62.91	2.04	RT	600.30	EXIST	587.57	E	EXIST	587.58	W	EXIST	593.29	SW	P133	594.65	N	
131	60218500	MAN TA 4 DIA T3V F&G	283+40.76	18.50	RT	600.15	EXIST	593.36	NE	EXIST	593.37	SW							CONTRACTOR TO FIELD VERIFY SIZE AND ELEVATION
133	X6020074	INLETS TA T3V F&G	283+62.96	23.50	LT	599.75	P133	594.75	S										
150	60224446	MAN TA 7 DIA T1F CL	286+23.08	1.83	RT	596.89	EXIST	584.49	E	EXIST	584.48	W	P151	592.14	S	P152	591.38	N	
151	X6020074	INLETS TA T3V F&G	286+23.02	18.09	RT	596.26	P151	592.26	N										
152	60240220	INLETS TB T3 F&G	286+23.01	24.16	LT	596.14	P152	591.55	S	P153	591.57	E	P154	592.57	W				
153	60235700	INLETS TA T3 F&G	286+56.63	22.81	LT	595.71	P153	591.71	W										
154	X6020074	INLETS TA T3V F&G	285+18.17	23.50	LT	597.60	P154	593.60	E										
161	X6020074	INLETS TA T3V F&G	289+40.49	18.50	RT	590.47	P161	586.47	N										
170E	60255500	MAN ADJUST	290+70.20	0.29	RT	588.85	EXIST	576.73	E	EXIST	576.74	W							
181	X6020074	INLETS TA T3V F&G	292+40.52	18.50	RT	588.09	P181	584.09	N										
201	60240220	INLETS TB T3 F&G	294+33.37	16.35	RT	586.70	P201	582.73	N	P202	582.75	W							
202	60235700	INLETS TA T3 F&G	294+23.28	16.05	RT	586.78	P202	582.78	E										
310	60224439	MAN TA 7 DIA T23 F&G	297+05.55	12.47	RT	588.22	EXIST	578.63	SW	P311	585.36	E							CONTRACTOR TO FIELD VERIFY ELEVATION
311	60237460	INLETS TA T23 F&G	297+21.72	12.47	RT	588.46	P311	585.44	W	P312	585.46	E							
312	60237460	INLETS TA T23 F&G	297+38.03	12.47	RT	588.53	P312	585.53	W										
320E	60255500	MAN ADJUST	297+38.85	8.00	LT	588.74	EXIST	579.10	SW	EXIST	579.12	E							

PIPE SCHEDULE

LOCATION						550B0050	550B0070	550B0380	59300100
PIPE	FROM STRUCTURE		TO STRUCTURE		PIPE	STORM SEWERS, CLASS B, TYPE 1 12"	STORM SEWERS, CLASS B, TYPE 1 15"	STORM SEWERS, CLASS B, TYPE 2 18"	CONTROLLED LOW-STRENGTH MATERIAL
NUMBER	NUMBER	INV. ELEV.	NUMBER	INV. ELEV.	SLOPE	FOOT	FOOT	FOOT	CU YD
P101	101	597.56	121E	597.26	0.44%		68		16.42
P111	111	597.30	110	594.76	13.04%			19	9.05
P112	112	597.37	111	597.32	0.33%		17		4.53
P113	113	597.43	112	597.39	0.71%	4			1.11
P114	114	597.51	113	597.39	0.50%	22			5.55
P115	115	597.87	111	597.80	0.31%		23		5.17
P116	116	598.24	115	597.89	0.45%	76			17.86
P117	117	598.27	116	598.26	1.24%	2			0.49
P133	133	594.75	130E	594.65	0.42%	23			8.67
P151	151	592.26	150	592.14	0.93%	13			3.78
P152	152	591.55	150	591.38	0.75%			22	8.24
P153	153	591.71	152	591.57	0.45%	31			8.44
P154	154	593.60	152	592.57	1.01%	102			22.70
P161	161	586.47	160	583.55	N/A	15			6.13
P181	181	584.09	180	579.03	N/A	11			8.86
P201	201	582.73	200	576.06	N/A		4		3.90
P202	202	582.78	201	582.75	0.51%	7			1.73
P311	311	585.44	310	585.36	0.54%	13			1.77
P312	312	585.53	311	585.46	0.50%	14			2.01
TOTAL						333	112	41	136

UNDERDRAIN SCHEDULE

LOCATION				60100060	60107600	60108100
				CONCRETE HEADWALLS FOR PIPE DRAINS	PIPE UNDERDRAINS 4"	PIPE UNDERDRAINS 4" (SPECIAL)
ROAD	STA. FROM	STA. TO	OFFSET	EACH	FOOT	FOOT
JACKSON	53+78.69	53+95.22	RT			28
JACKSON	53+95.22	55+65.60	RT		170	
JACKSON	55+69.60	57+91.81	RT		222	
JACKSON	57+91.81	57+91.81	RT	1		25
JACKSON	57+91.81	58+93.14	RT		101	
JACKSON	58+93.14	58+93.15	RT	1		25
JACKSON	58+93.14	59+94.47	RT		101	
TOTAL				2	595	78

STORM PIPE TEE SCHEDULE

LOCATION				X5422015
				REINFORCED CONCRETE PIPE TEE, SPECIAL
ROAD	STRUCTURE	STATION	OFFSET (FT)	EACH
FAIRCHILD	110	282+84.94	1.52 RT	1
FAIRCHILD	160	292+40.87	4.51 RT	1
FAIRCHILD	180	294+37.47	9.7 RT	1
FAIRCHILD	200	294+35.98	9.69 RT	1
TOTAL				4

FILE LOCATION = X:\Projects\City\Current\12-00348-00-BT DHS SHARED PATH\CIVIL\CONSTRUCTION\SOO.DGN

DESIGNED	-	
DRAWN	- MDS	
CHECKED	- ENC	
DATE	- 8/31/2016	

REVISED	-
REVISED	-
REVISED	-
REVISED	-

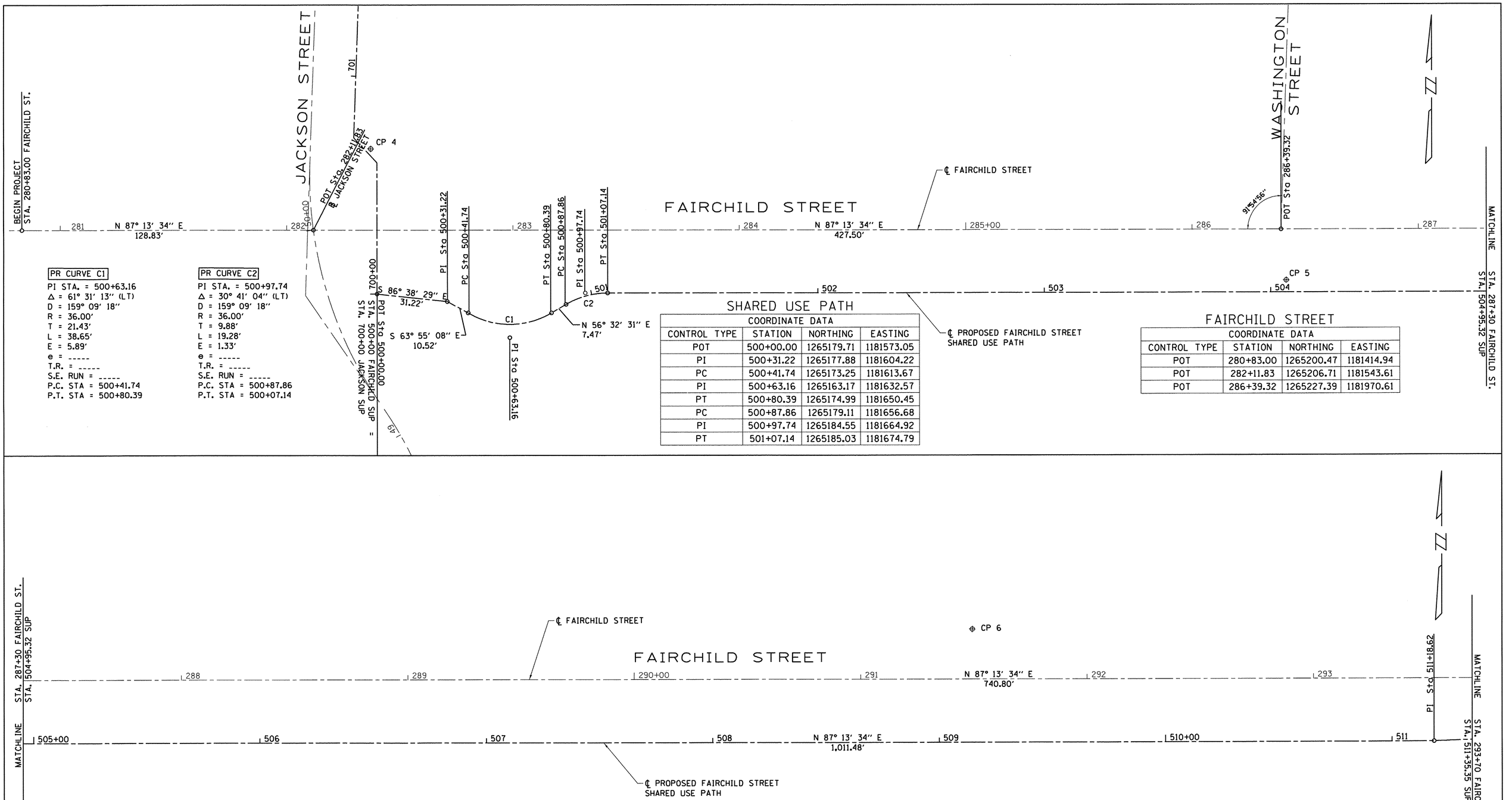
CITY OF DANVILLE, 17 WEST MAIN STREET
DANVILLE, ILLINOIS 61832
TELEPHONE: 217.431.2400

DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

DANVILLE HIGH SCHOOL SHARED USE PATH
SCHEDULE OF QUANTITIES VI

SCALE: N/A

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
•	12-00348-00-BT	Vermilion	94	18
CONTRACT NUMBER 91498				



PR CURVE C1

PI STA. = 500+63.16
Δ = 61° 31' 13" (LT)
D = 159° 09' 18"
R = 36.00'
T = 21.43'
L = 38.65'
E = 5.89'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA = 500+41.74
P.T. STA = 500+80.39

PR CURVE C2

PI STA. = 500+97.74
Δ = 30° 41' 04" (LT)
D = 159° 09' 18"
R = 36.00'
T = 9.88'
L = 19.28'
E = 1.33'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA = 500+87.86
P.T. STA = 500+07.14

SHARED USE PATH

COORDINATE DATA			
CONTROL TYPE	STATION	NORTHING	EASTING
POT	500+00.00	1265179.71	1181573.05
PI	500+31.22	1265177.88	1181604.22
PC	500+41.74	1265173.25	1181613.67
PI	500+63.16	1265163.17	1181632.57
PT	500+80.39	1265174.99	1181650.45
PC	500+87.86	1265179.11	1181656.68
PI	500+97.74	1265184.55	1181664.92
PT	501+07.14	1265185.03	1181674.79

FAIRCHILD STREET

COORDINATE DATA			
CONTROL TYPE	STATION	NORTHING	EASTING
POT	280+83.00	1265200.47	1181414.94
POT	282+11.83	1265206.71	1181543.61
POT	286+39.32	1265227.39	1181970.61

SHARED USE PATH

COORDINATE DATA			
CONTROL TYPE	STATION	NORTHING	EASTING
PI	511+18.62	1265233.98	1182685.09

FILE LOCATION=
X:\Projects\City\Current\12-00348-00-BT DHS SHARED PATH\CIVIL\CONSTRUCTION\GENNOTES_ALIGNMENTS_TIES.DGN

DESIGNED - COD		REVISED -
DRAWN - MDL/ENC		REVISED -
CHECKED - ENC		REVISED -
DATE - 8/31/2016		REVISED -

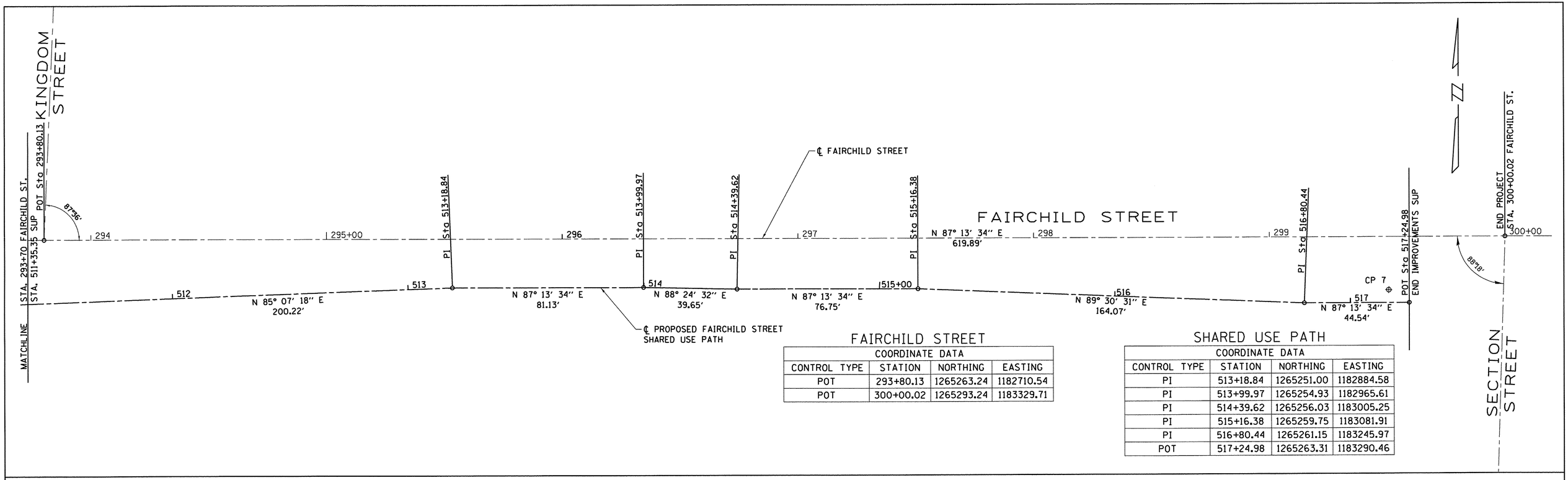
CITY OF DANVILLE, 17 WEST MAIN STREET
DANVILLE, ILLINOIS 61832
TELEPHONE: 217.431.2400

DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

DANVILLE HIGH SCHOOL SHARED USE PATH
HORIZONTAL ALIGNMENTS 1

SCALE: 1"=20' | FAIRCHILD STREET

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
•	12-00348-00-BT	Vermilion	94	19
CONTRACT NUMBER 91498				



FAIRCHILD STREET

COORDINATE DATA			
CONTROL TYPE	STATION	NORTHING	EASTING
POT	293+80.13	1265263.24	1182710.54
POT	300+00.02	1265293.24	1183329.71

SHARED USE PATH

COORDINATE DATA			
CONTROL TYPE	STATION	NORTHING	EASTING
PI	513+18.84	1265251.00	1182884.58
PI	513+99.97	1265254.93	1182965.61
PI	514+39.62	1265256.03	1183005.25
PI	515+16.38	1265259.75	1183081.91
PI	516+80.44	1265261.15	1183245.97
POT	517+24.98	1265263.31	1183290.46

FILE LOCATION =
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DESIGNED	- COD	REVISED	-
DRAWN	- MDL/ENC	REVISED	-
CHECKED	- ENC	REVISED	-
DATE	- 8/31/2016	REVISED	-

CITY OF DANVILLE, 17 WEST MAIN STREET
DANVILLE, ILLINOIS 61832
TELEPHONE: 217.431.2400

DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

DANVILLE HIGH SCHOOL SHARED USE PATH
HORIZONTAL ALIGNMENTS 2

SCALE: 1"=20' | FAIRCHILD STREET

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
•	12-00348-00-BT	Vermilion	94	20
CONTRACT NUMBER 91498				

ZZ

FAIRCHILD STREET

JACKSON STREET

MATCHLINE STA. 53+55

PR CURVE C3
PI STA. = 48+60.42
Δ = 36° 30′ 28″ (LT)
D = 31° 49′ 52″
R = 180.00′
T = 59.37′
L = 114.69′
E = 9.54′
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA = 48+01.05
P.T. STA = 49+15.74

PR CURVE C4
PI STA. = 49+74.87
Δ = 36° 22′ 14″ (RT)
D = 31° 49′ 52″
R = 180.00′
T = 59.13′
L = 114.26′
E = 9.46′
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA = 49+15.74
P.T. STA = 50+30.00

POT Sta 47+00.00
PC Sta 48+01.05
POT Sta 48+42.7 BEGIN IMPROVEMENTS JACKSON STREET
PRC Sta 49+15.74
PI Sta 48+60.42
PI Sta 49+74.87
POT Sta 49+99.95 ℄ FAIRCHILD STREET
PT Sta 50+30.00
C3
C4
49
50+00
88°54′
91°54′56″
282
283
47
48
51
52
53
N 0° 43′ 15″ W
101.05′
N 0° 51′ 29″ W
332.57′
700
701
702
703
500
CP 4
℄ FAIRCHILD STREET SHARED USE PATH
℄ JACKSON STREET SHARED USE PATH
℄ JACKSON STREET

JACKSON STREET
COORDINATE DATA

CONTROL TYPE	STATION	NORTHING	EASTING
POT	47+00.00	1264922.70	1181615.26
PC	48+01.05	1265023.74	1181613.99
POT	48+42.70	1265064.95	1181608.67
PI	48+60.42	1265083.11	1181613.24
PRC	49+15.74	1265130.38	1181577.32
PI	49+74.87	1265177.46	1181541.55
POT	49+99.95	1265206.71	1181543.61
PT	50+30.00	1265236.58	1181540.66

ZZ

PENN STREET

MATCHLINE STA. 53+55

SIDELL STREET

JACKSON STREET

CP 3
CP 2
POT STA. 53+62.57
87°53′
88°18′
POT Sta 59+56.15
POT Sta 60+00.00 END IMPROVEMENTS
54
55+00
56
57
58
59
60
N 0° 51′ 29″ W
593.58′
N 0° 51′ 29″ W
43.85′
704
705
706
707
708
709
710+00
℄ JACKSON STREET
℄ JACKSON STREET SHARED USE PATH

JACKSON STREET
COORDINATE DATA

CONTROL TYPE	STATION	NORTHING	EASTING
POT	53+62.57	1265569.11	1181535.68
POT	59+56.15	1266162.63	1181526.79
PC	59+94.48	1266200.95	1181526.22

FILE LOCATION=
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DRAWN - MDL/ENC	REVISED -	
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DATE - 8/31/2016	REVISED -	

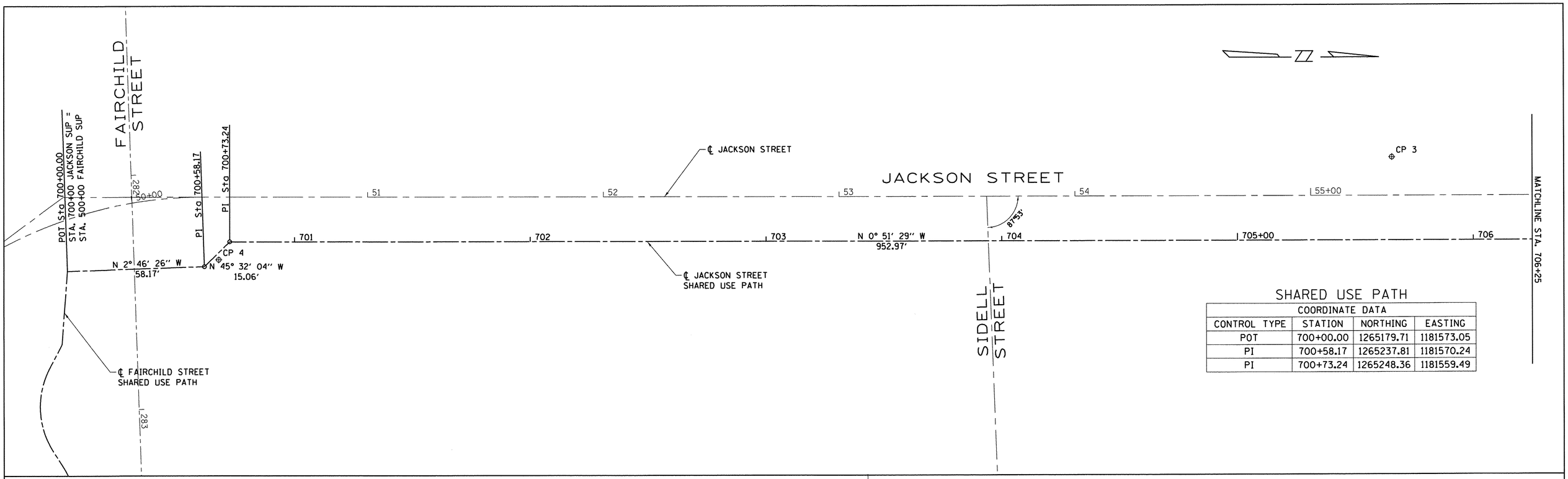
CITY OF DANVILLE, 17 WEST MAIN STREET
DANVILLE, ILLINOIS 61832
TELEPHONE: 217.431.2400

DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

DANVILLE HIGH SCHOOL SHARED USE PATH
HORIZONTAL ALIGNMENTS 3

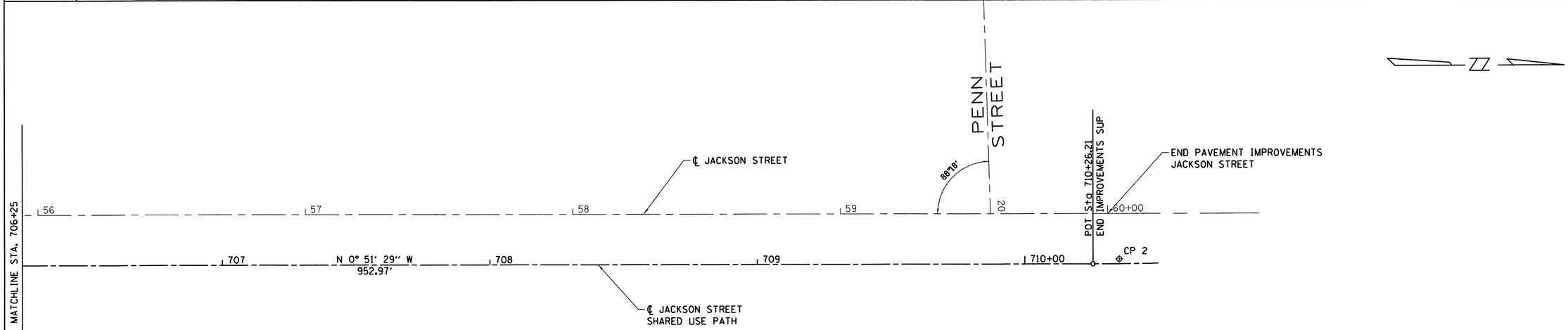
SCALE: 1″=20′ | JACKSON STREET

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
*	12-00348-00-BT	Vermilion	94	21
CONTRACT NUMBER 91498				



SHARED USE PATH

COORDINATE DATA			
CONTROL TYPE	STATION	NORTHING	EASTING
POT	700+00.00	1265179.71	1181573.05
PI	700+58.17	1265237.81	1181570.24
PI	700+73.24	1265248.36	1181559.49



SHARED USE PATH

COORDINATE DATA			
CONTROL TYPE	STATION	NORTHING	EASTING
PC	710+26.21	1266201.23	1181545.21

FILE LOCATION= X:\Projects\City\Current\12-00348-00-BT DHS SHARED PATH\CIVIL\CONSTRUCTION\GENNOTES_ALIGNMENTS_TIES.DGN	DESIGNED - COD	REVISED -	
	DRAWN - MDL/ENC	REVISED -	
	CHECKED - ENC	REVISED -	
	DATE - 8/31/2016	REVISED -	

CITY OF DANVILLE, 17 WEST MAIN STREET
DANVILLE, ILLINOIS 61832
TELEPHONE: 217.431.2400

DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

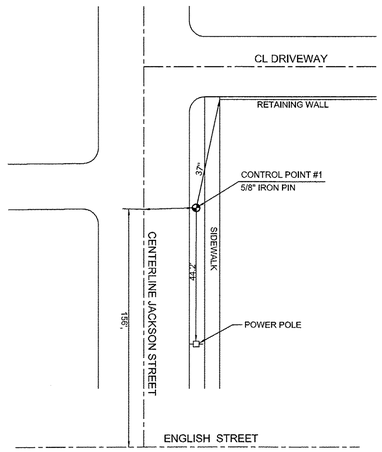
DANVILLE HIGH SCHOOL SHARED USE PATH
HORIZONTAL ALIGNMENTS 4

SCALE: 1"=20' | JACKSON STREET

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
*	12-00348-00-BT	Vermilion	94	22
CONTRACT NUMBER 91498				

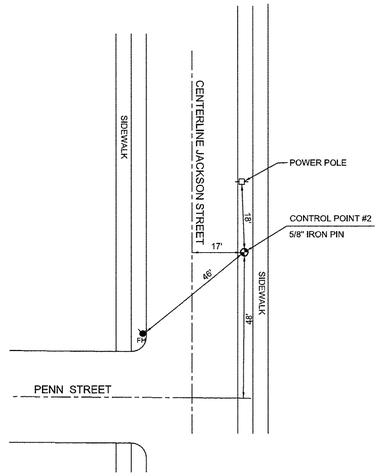
CONTROL POINT TS #1

N = 1266654.68
E = 1181471.09
Z = 612.79



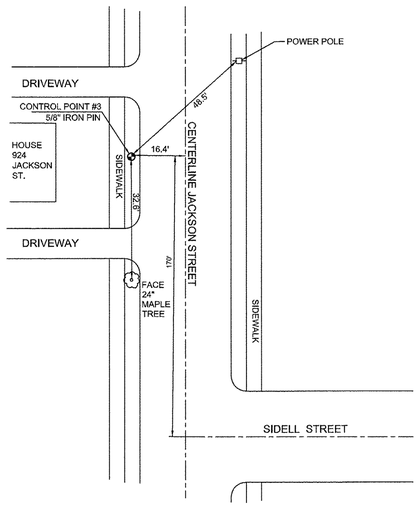
CONTROL POINT TS #2

N = 1266211.02
E = 1181543.28
Z = 607.67



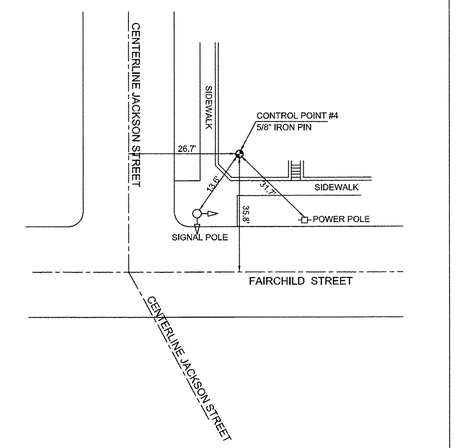
CONTROL POINT TS #3

N = 1265740.77
E = 1181516.74
Z = 605.13



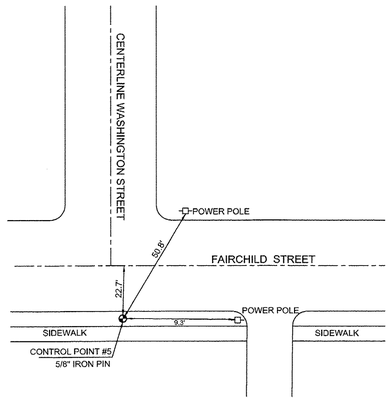
CONTROL POINT TS #4

N = 1265243.87
E = 1181567.24
Z = 603.26



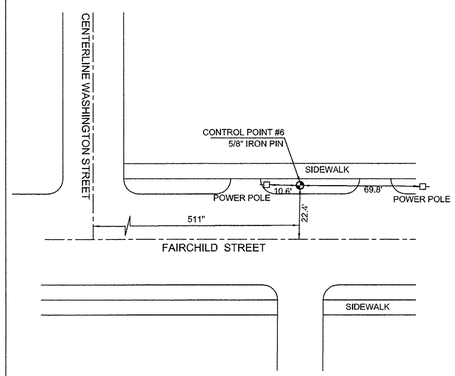
CONTROL POINT TS #5

N = 1265204.83
E = 1181973.95
Z = 596.34



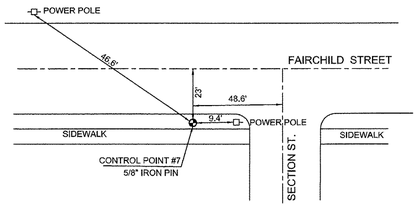
CONTROL POINT TS #6

N = 1265274.31
E = 1182478.95
Z = 588.25



CONTROL POINT TS #7

N = 1265268.28
E = 1183281.55
Z = 592.36



BENCHMARKS

BM#1

BENCH MARK SPIKE IN POWER POLE NORTHEAST QUAD OF ENGLISH STREET AND JACKSON STREET.
ELEVATION 613.77

BM#2

BENCH MARK SPIKE IN POWER POLE ON WEST SIDE OF JACKSON STREET, HOUSE ADDRESS 934 JACKSON STREET.
ELEVATION 607.70

BM#3

CHISELED SQUARE IN TOP OF RETAINING WALL NORTHEAST QUAD OF JACKSON STREET AND FAIRCHILD STREET.
ELEVATION 603.29

BM#4

BENCH MARK SPIKE IN POWER POLE ON SOUTH SIDE OF FAIRCHILD STREET AT NORTH END OF FOOTBALL FIELD.
ELVATION 594.15

BM#5

BENCH MARK SPIKE IN POWER POLE SOUTH SIDE OF FAIRCHILD STREET AT KINGDOM STREET.
ELEVATION 588.52

BM#6

BENCH MARK SPIKE IN POWER POLE NORTH SIDE OF FAIRCHILD STREET AT SECTION STREET.
ELEVATION 594.94

FILE LOCATION=
X:\Projects\City\Current\12-00348-00-BT DHS SHARED PATH\CIVIL\CONSTRUCTION\GENNOTES_ALIGNMENTS_TIES.DGN

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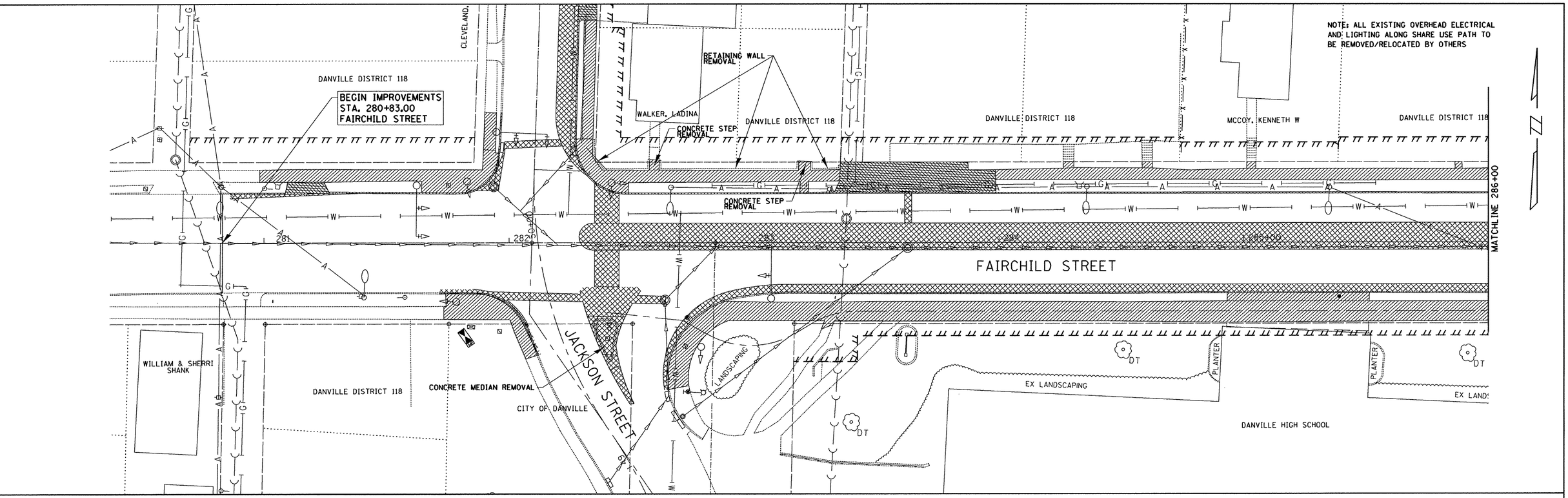
CITY OF DANVILLE, 17 WEST MAIN STREET
DANVILLE, ILLINOIS 61832
TELEPHONE: 217.431.2400

DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

DANVILLE HIGH SCHOOL SHARED USE PATH
CONTROL POINTS & BENCHMARKS

SCALE: N/A | TIES AND COORDINATES

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
•	12-00348-00-BT	Vermilion	94	23
CONTRACT NUMBER 91498				



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DRAWN	- COD	REVISED	-
CHECKED	- RDS	REVISED	-
DATE	- 8/31/2016	REVISED	-

CITY OF DANVILLE, 17 WEST MAIN STREET
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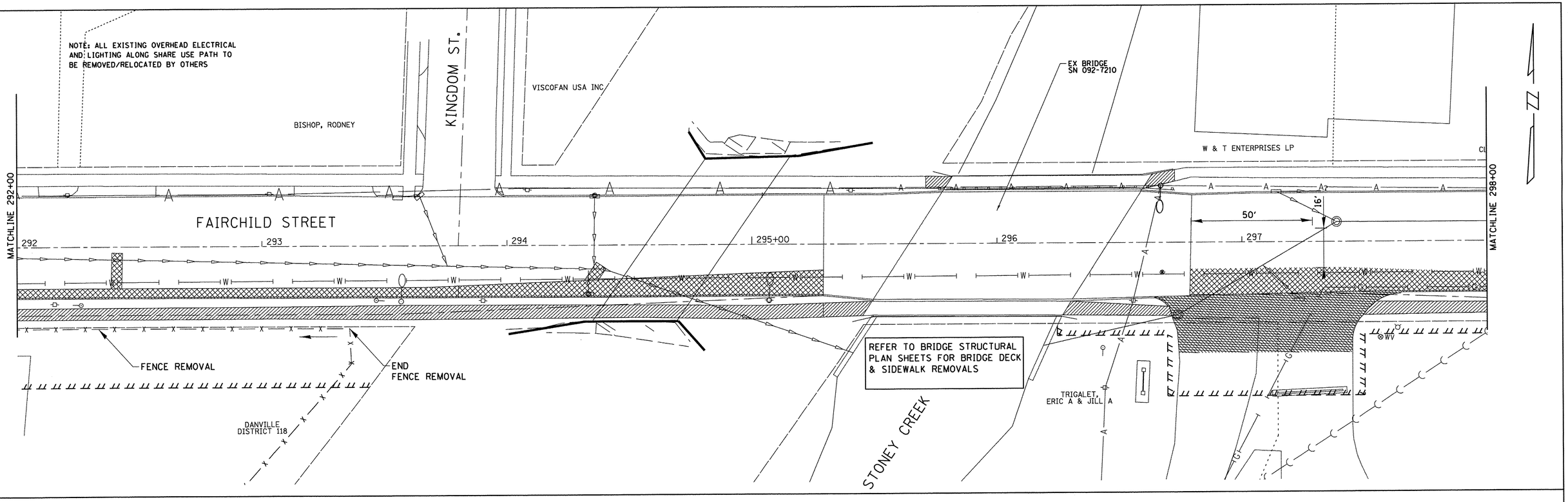
DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

DANVILLE HIGH SCHOOL SHARED USE PATH
FAIRCHILD REMOVAL PLANS I

SCALE: 1"=20' | STA. 280+83 TO 292+00

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEET SHEETS NO.
•	12-00348-00-BT	Vermilion	94 24
CONTRACT NUMBER 91498			



REMOVALS LEGEND

- SIDEWALK REMOVAL
- DRIVEWAY REMOVAL
- PAVEMENT REMOVAL
- PCC C & G AND/OR STONE CURB REMOVAL

FILE LOCATION = X:\Projects\City\Current\12-00348-00-BT DHS SHARED PATH\CIVIL\CONSTRUCTION\REMOVALS.DGN

DESIGNED - ENC	REVISED -	
DRAWN - COD	REVISED -	
CHECKED - RDS	REVISED -	
DATE - 8/31/2016	REVISED -	

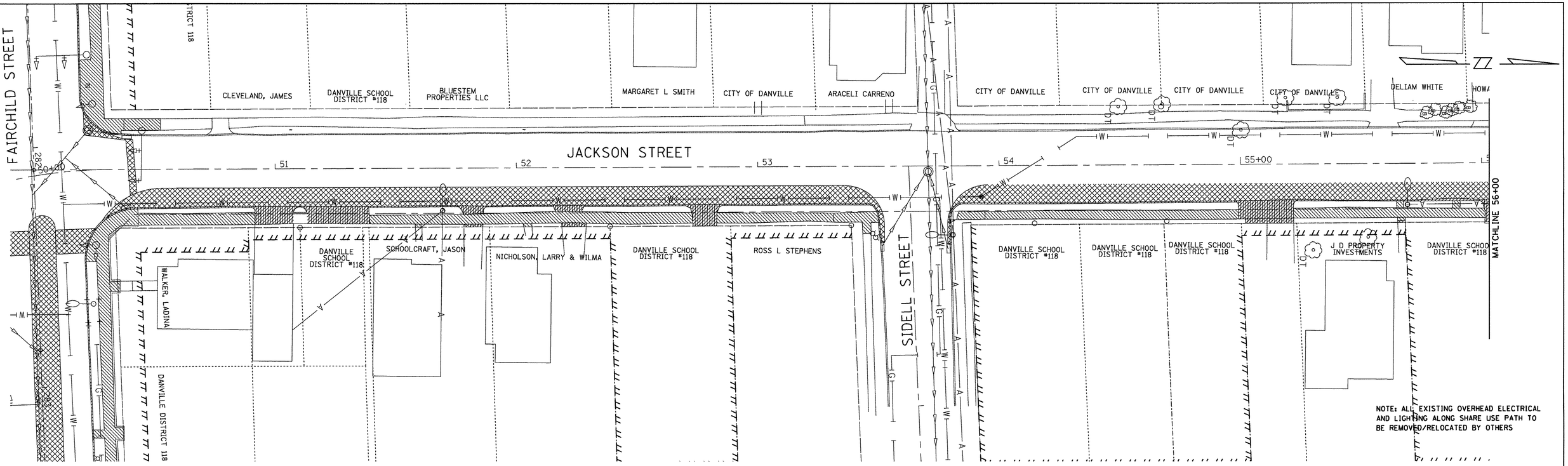
CITY OF DANVILLE, 17 WEST MAIN STREET
DANVILLE, ILLINOIS 61832
TELEPHONE: 217.431.2400

DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

DANVILLE HIGH SCHOOL SHARED USE PATH
FAIRCHILD REMOVAL PLANS II

SCALE: 1"=20' | STA. 292+00 TO 300+00

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
•	12-00348-00-BT	Vermilion	94	25
CONTRACT NUMBER 91498				



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DESIGNED	- ENC	REVISED	-
DRAWN	- COD	REVISED	-
CHECKED	- RDS	REVISED	-
DATE	- 8/31/2016	REVISED	-

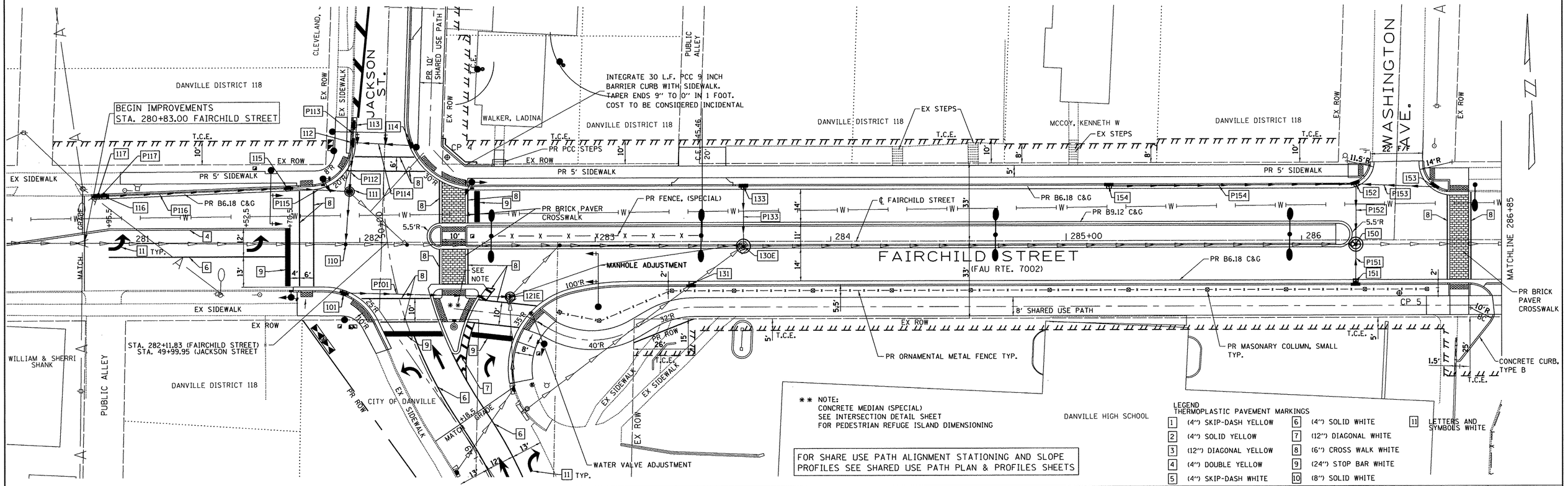
CITY OF DANVILLE, 17 WEST MAIN STREET
DANVILLE, ILLINOIS 61832
TELEPHONE: 217.431.2400

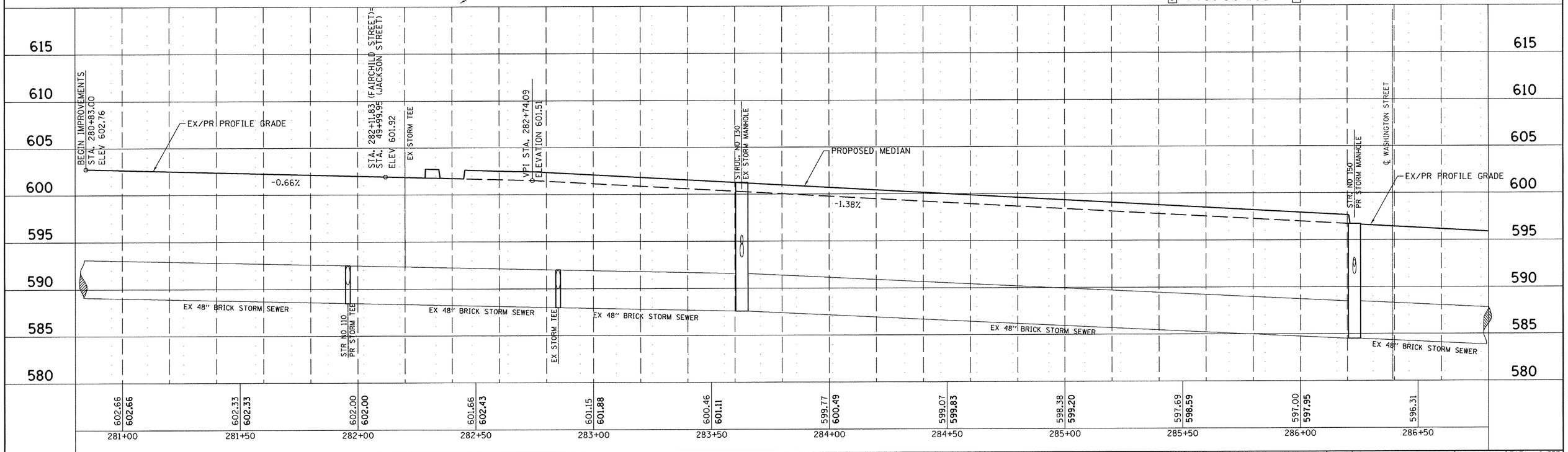
DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

DANVILLE HIGH SCHOOL SHARED USE PATH
JACKSON REMOVAL PLANS

SCALE: 1"=20' | STA. 50+50 TO 60+00

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEET SHEETS	NO.
•	12-00348-00-BT	Vermilion	94	26
CONTRACT NUMBER 91498				





FILE LOCATION =
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DESIGNED - ENC		REVISED -
DRAWN - ENC/MN		REVISED -
CHECKED - RDS		REVISED -
DATE - 8/31/2016		REVISED -

danville illinois
CITY OF DANVILLE, 17 WEST MAIN STREET
DANVILLE, ILLINOIS 61832
TELEPHONE: 217.431.2400

DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

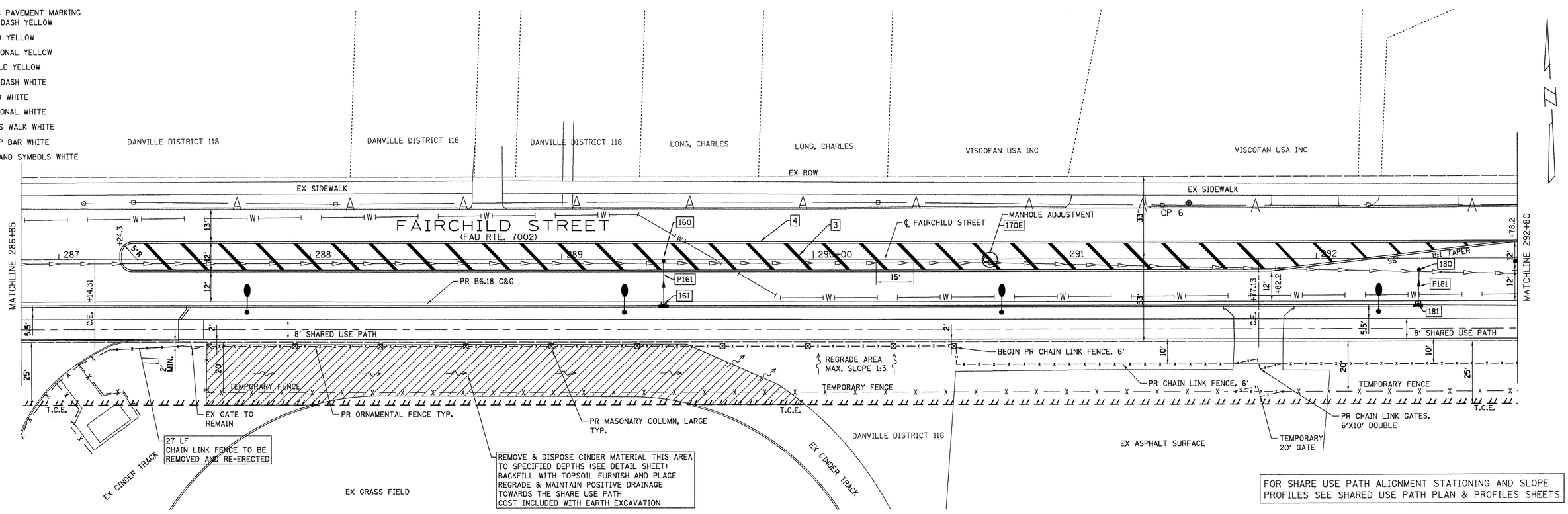
DANVILLE HIGH SCHOOL SHARED USE PATH
PLAN & PROFILE FAIRCHILD STREET I

SCALE: 1:20 | STA. 280+83 TO 286+85

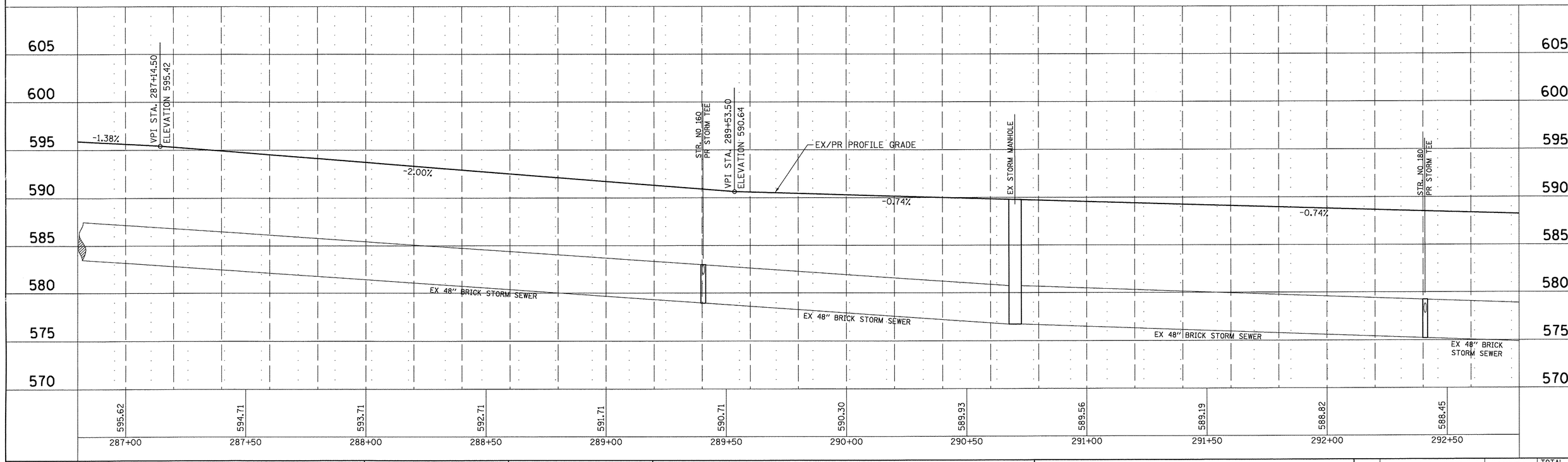
RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
•	12-00348-00-BT	Vermilion	94	27
	CONTRACT NUMBER 91498			

LEGEND
THERMOPLASTIC PAVEMENT MARKING

1. (4") SKIP-DASH YELLOW
2. (4") SOLID YELLOW
3. (12") DIAGONAL YELLOW
4. (4") DOUBLE YELLOW
5. (4") SKIP-DASH WHITE
6. (4") SOLID WHITE
7. (12") DIAGONAL WHITE
8. (6") CROSS WALK WHITE
9. (24") STOP BAR WHITE
10. LETTERS AND SYMBOLS WHITE



FOR SHARE USE PATH ALIGNMENT STATIONING AND SLOPE PROFILES SEE SHARED USE PATH PLAN & PROFILES SHEETS



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DESIGNED - ENC	REVISED -	
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CITY OF DANVILLE, 17 WEST MAIN STREET
DANVILLE, ILLINOIS 61832
TELEPHONE: 217.431.2400

DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

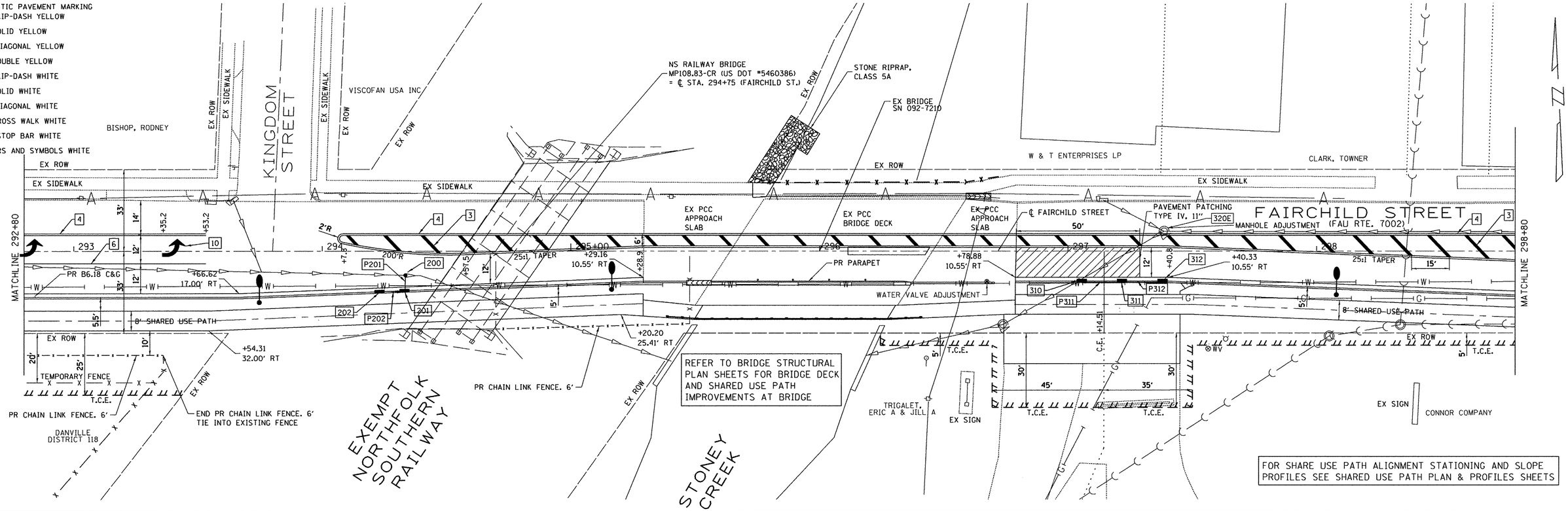
DANVILLE HIGH SCHOOL SHARED USE PATH
PLAN & PROFILE FAIRCHILD STREET II

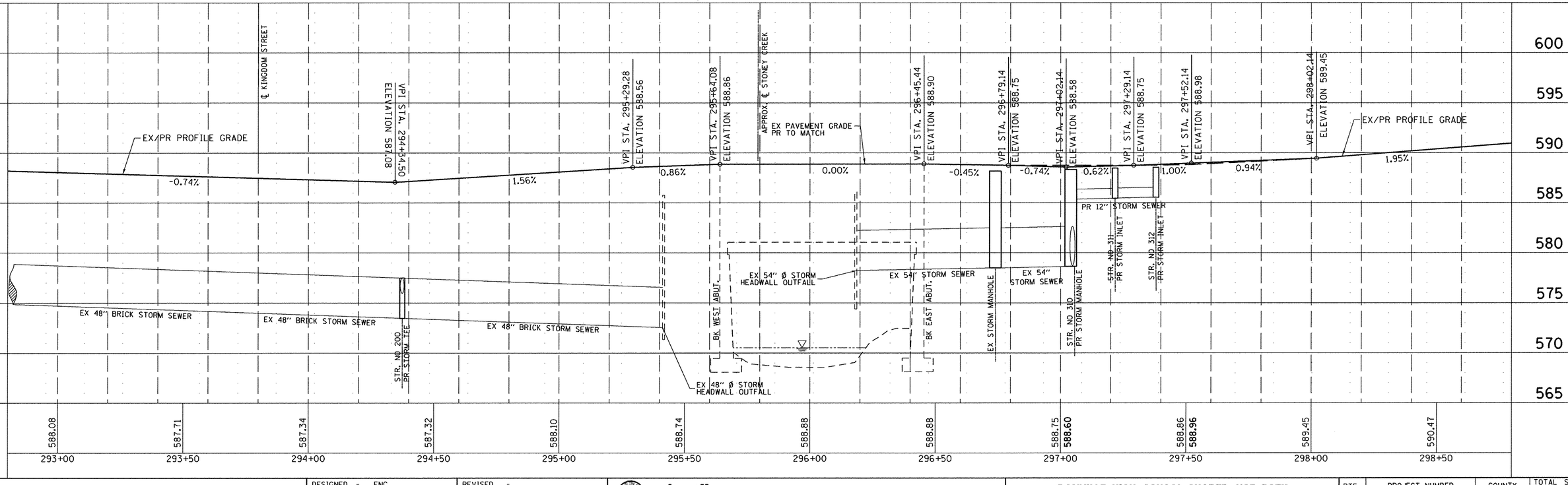
SCALE: 1:20 | STA. 286+85 TO 292+80

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEET SHEETS	NO.
•	12-00348-00-BT	Vermillion	94	28
	CONTRACT NUMBER 91498			

LEGEND
THERMOPLASTIC PAVEMENT MARKING

1. (4") SKIP-DASH YELLOW
2. (4") SOLID YELLOW
3. (12") DIAGONAL YELLOW
4. (4") DOUBLE YELLOW
5. (4") SKIP-DASH WHITE
6. (4") SOLID WHITE
7. (12") DIAGONAL WHITE
8. (6") CROSS WALK WHITE
9. (24") STOP BAR WHITE
10. LETTERS AND SYMBOLS WHITE





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DESIGNED	- ENC	REVISED	-
DRAWN	- ENC/MN	REVISED	-
CHECKED	- RDS	REVISED	-
DATE	- 8/31/2016	REVISED	-

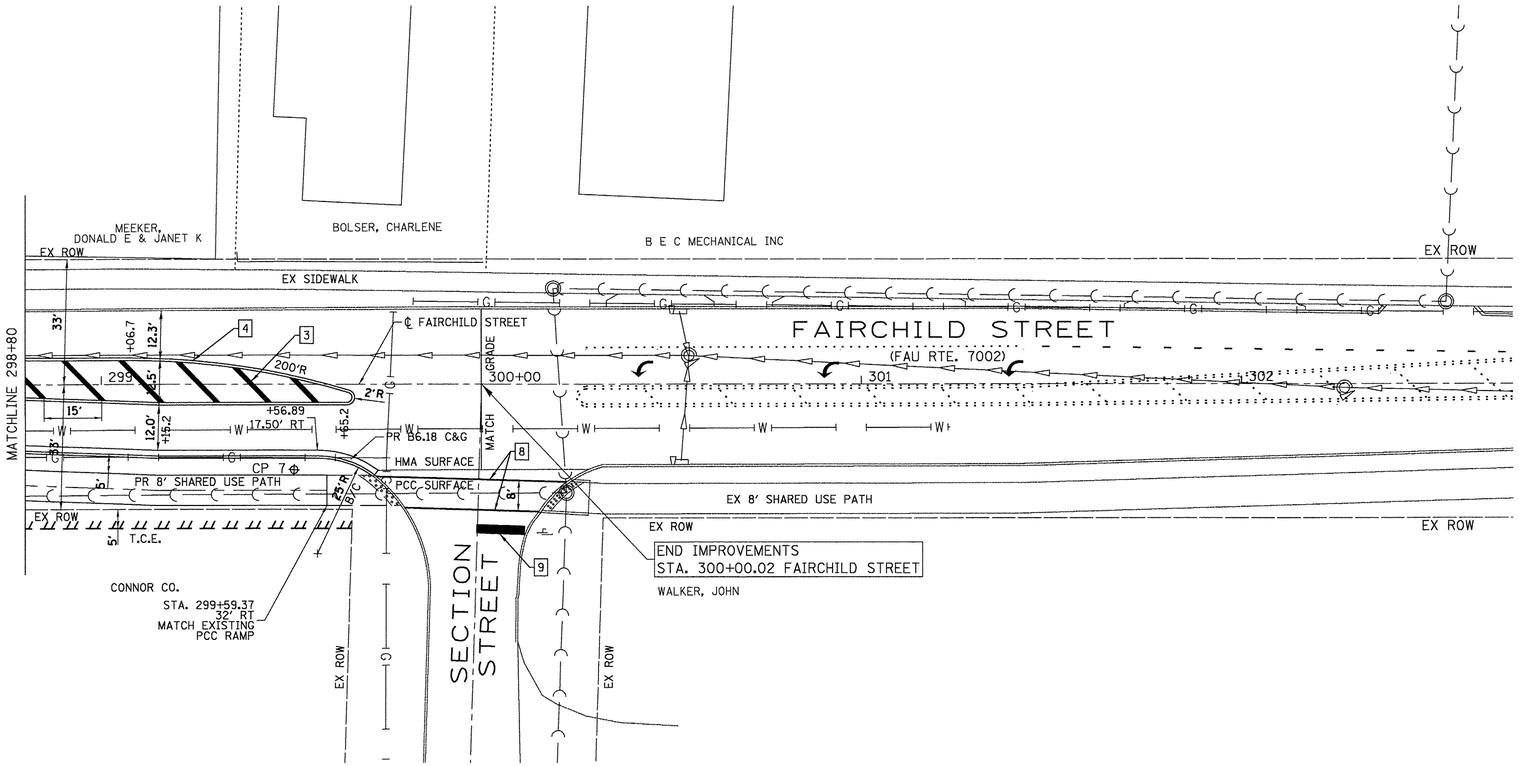
CITY OF DANVILLE, 17 WEST MAIN STREET
DANVILLE, ILLINOIS 61832
TELEPHONE: 217.431.2400

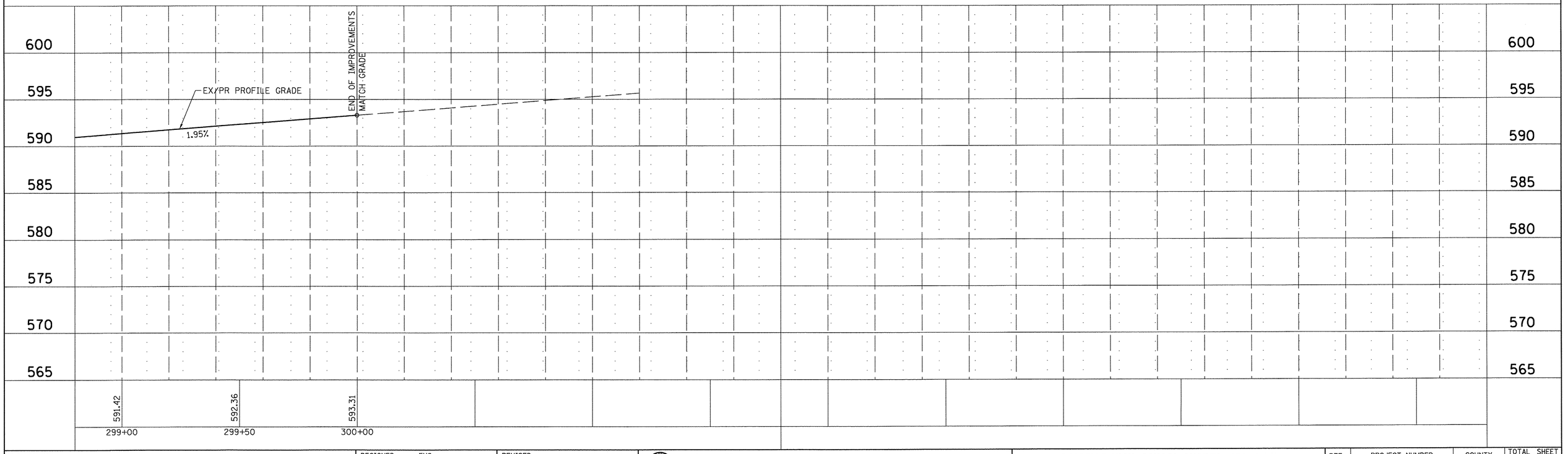
DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

DANVILLE HIGH SCHOOL SHARED USE PATH
PLAN & PROFILE FAIRCHILD STREET III

SCALE: 1:20 | STA. 292+80 TO 298+80

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEET SHEETS	NO.
•	12-00348-00-BT	Vermillion	94	29
	CONTRACT NUMBER 91498			





N

LEGEND
THERMOPLASTIC PAVEMENT MARKING

1	(4") SKIP-DASH YELLOW
2	(4") SOLID YELLOW
3	(12") DIAGONAL YELLOW
4	(4") DOUBLE YELLOW
5	(4") SKIP-DASH WHITE
6	(4") SOLID WHITE
7	(12") DIAGONAL WHITE
8	(6") CROSS WALK WHITE
9	(24") STOP BAR WHITE
10	(8") SOLID WHITE

FOR SHARE USE PATH ALIGNMENT STATIONING AND SLOPE PROFILES SEE SHARED USE PATH PLAN & PROFILES SHEETS

FILE LOCATION=
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DRAWN - ENC/MN	REVISED -	
CHECKED - RDS	REVISED -	
DATE - 8/31/2016	REVISED -	

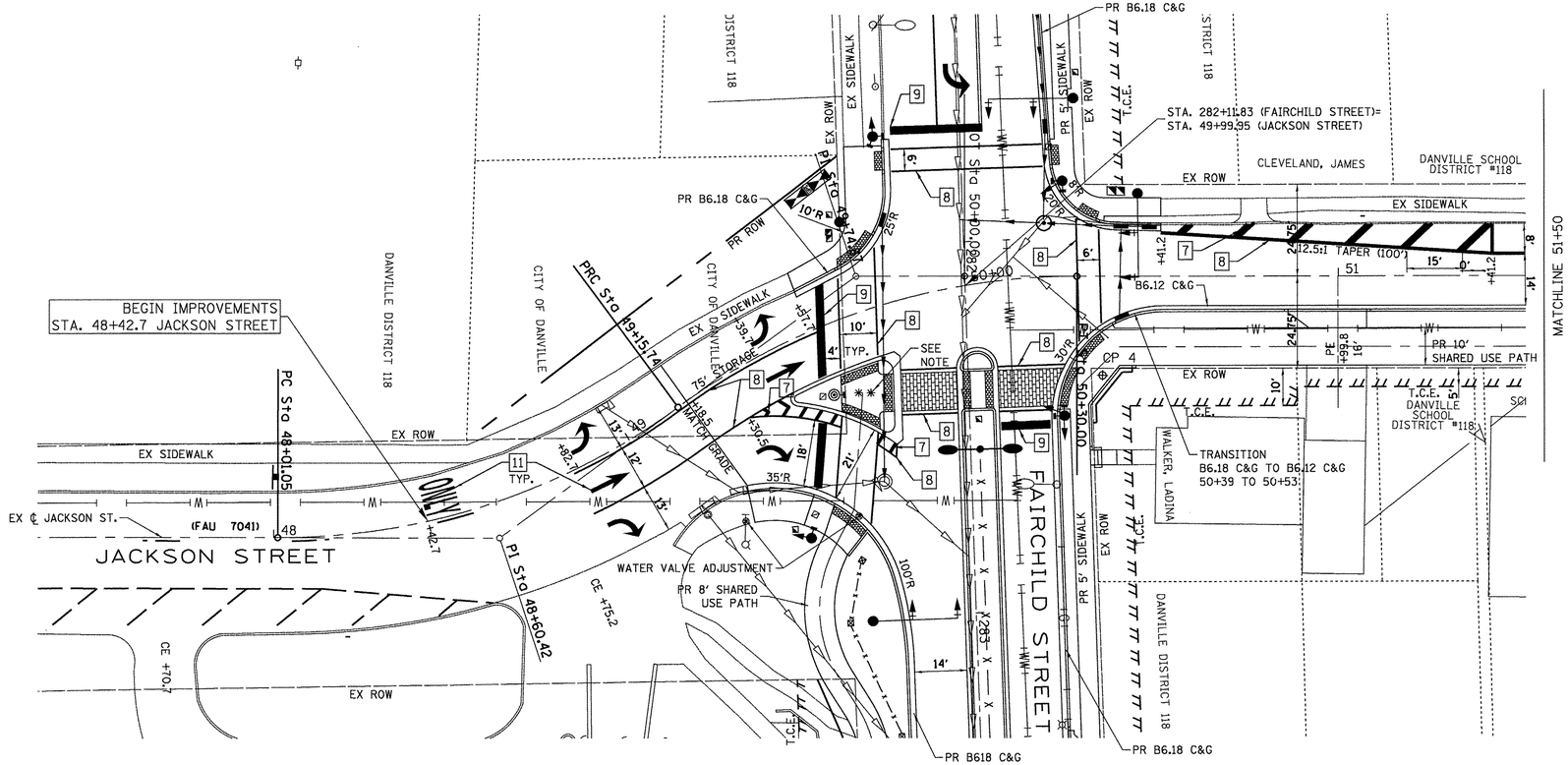
CITY OF DANVILLE, 17 WEST MAIN STREET
DANVILLE, ILLINOIS 61832
TELEPHONE: 217.431.2400

DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

DANVILLE HIGH SCHOOL SHARED USE PATH
PLAN & PROFILE FAIRCHILD STREET IV

SCALE: 1:20 | STA. 298+80 TO 300+00.02

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
•	12-00348-00-BT	Vermilion	94	30
CONTRACT NUMBER 91498				

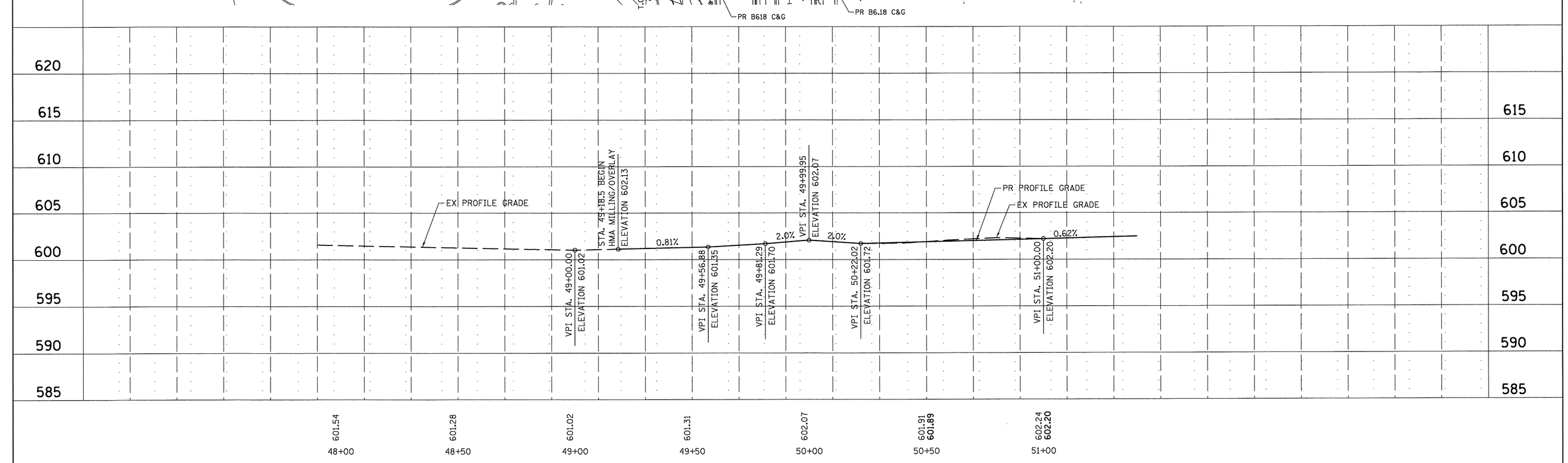


LEGEND
THERMOPLASTIC PAVEMENT MARKING

1	(4") SKIP-DASH YELLOW
2	(4") SOLID YELLOW
3	(12") DIAGONAL YELLOW
4	(4") DOUBLE YELLOW
5	(4") SKIP-DASH WHITE
6	(4") SOLID WHITE
7	(12") DIAGONAL WHITE
8	(6") CROSS WALK WHITE
9	(24") STOP BAR WHITE
10	(8") SOLID WHITE
11	LETTERS AND SYMBOLS WHITE

** NOTE:
CONCRETE MEDIAN (SPECIAL)
SEE INTERSECTION DETAIL SHEET
FOR PEDESTRIAN REFUGE ISLAND DIMENSIONING

FOR SHARE USE PATH ALIGNMENT STATIONING AND SLOPE PROFILES SEE SHARED USE PATH PLAN & PROFILES SHEETS



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	DRAWN - ENC	REVISED -	
	CHECKED - RDS	REVISED -	
	DATE - 8/31/2016	REVISED -	

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DEPARTMENT OF ENGINEERING
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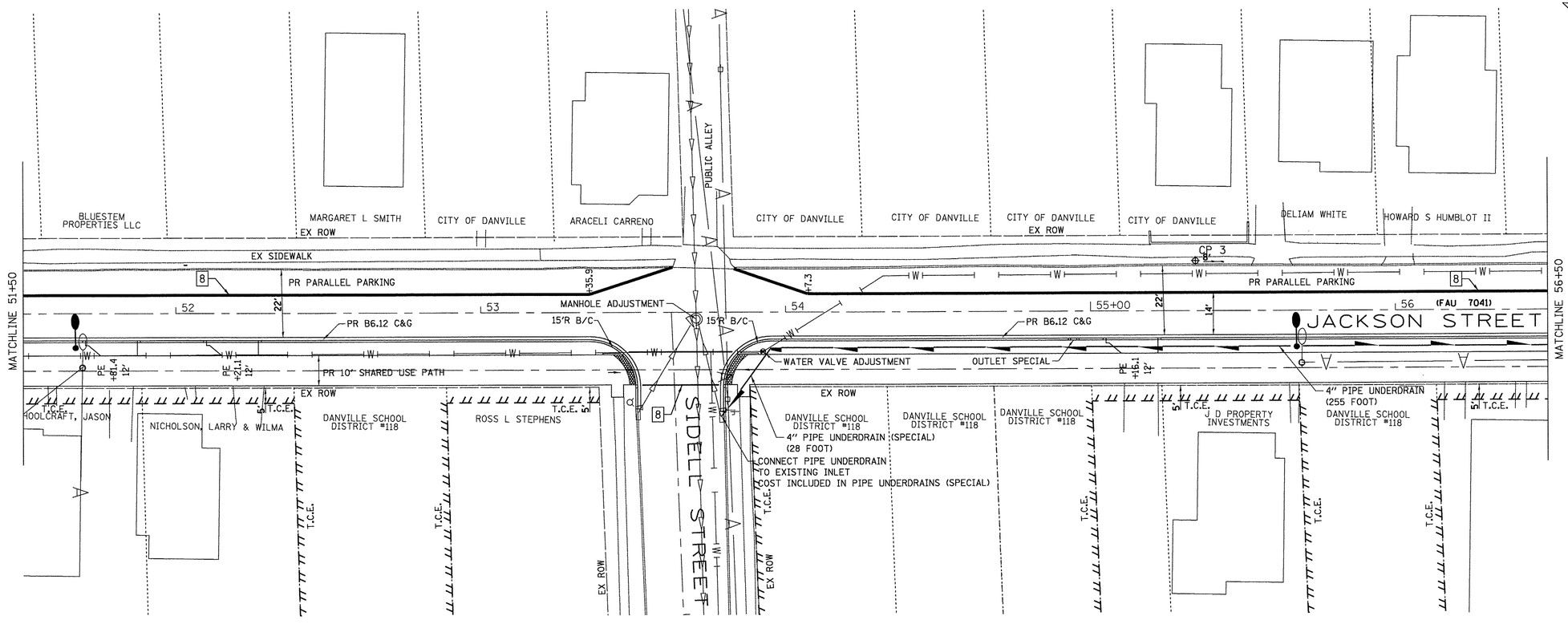
DANVILLE HIGH SCHOOL SHARED USE PATH
PLAN & PROFILE JACKSON STREET I

SCALE: 1:20 | STA. 48+82 TO 51+50

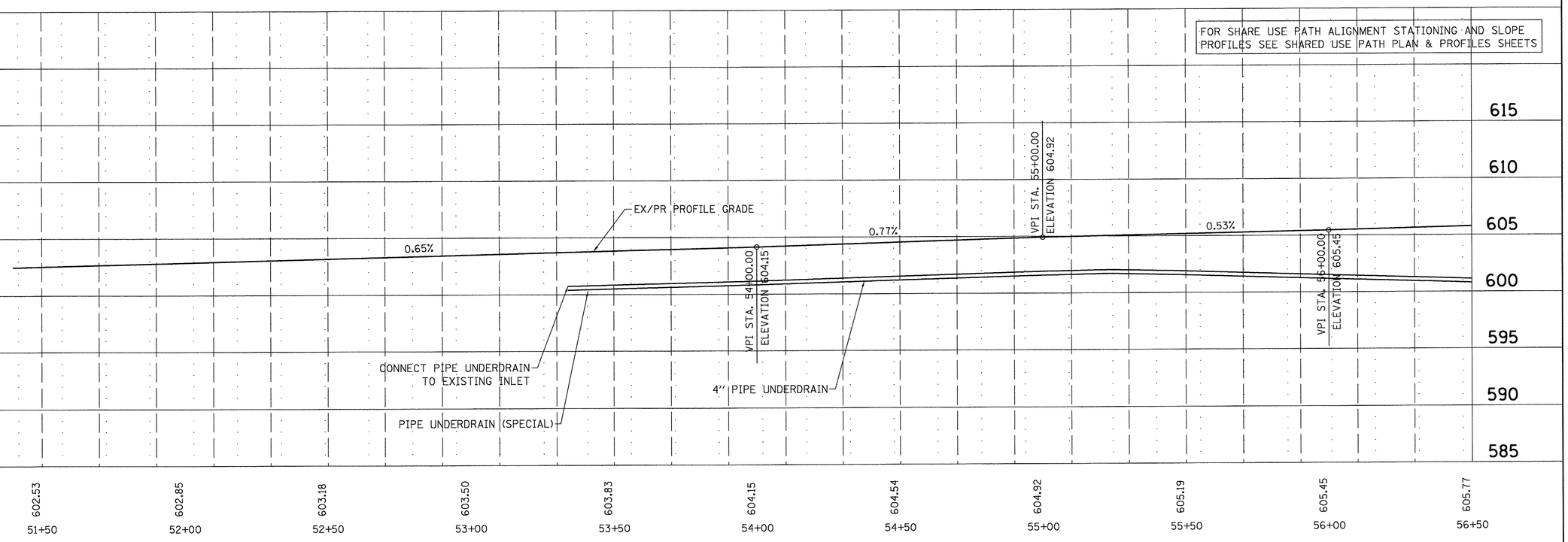
RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
•	12-00348-00-BT	Vermilion	94	31
	CONTRACT NUMBER 91498			



LEGEND
THERMOPLASTIC PAVEMENT MARKING

1. (4") SKIP-DASH YELLOW
2. (4") SOLID YELLOW
3. (12") DIAGONAL YELLOW
4. (4") DOUBLE YELLOW
5. (4") SKIP-DASH WHITE
6. (4") SOLID WHITE
7. (12") DIAGONAL WHITE
8. (6") CROSS WALK WHITE
9. (24") STOP BAR WHITE

FOR SHARE USE PATH ALIGNMENT STATIONING AND SLOPE PROFILES SEE SHARED USE PATH PLAN & PROFILES SHEETS



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DESIGNED - ENC	REVISED -	
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CHECKED - RDS	REVISED -	
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DEPARTMENT OF ENGINEERING
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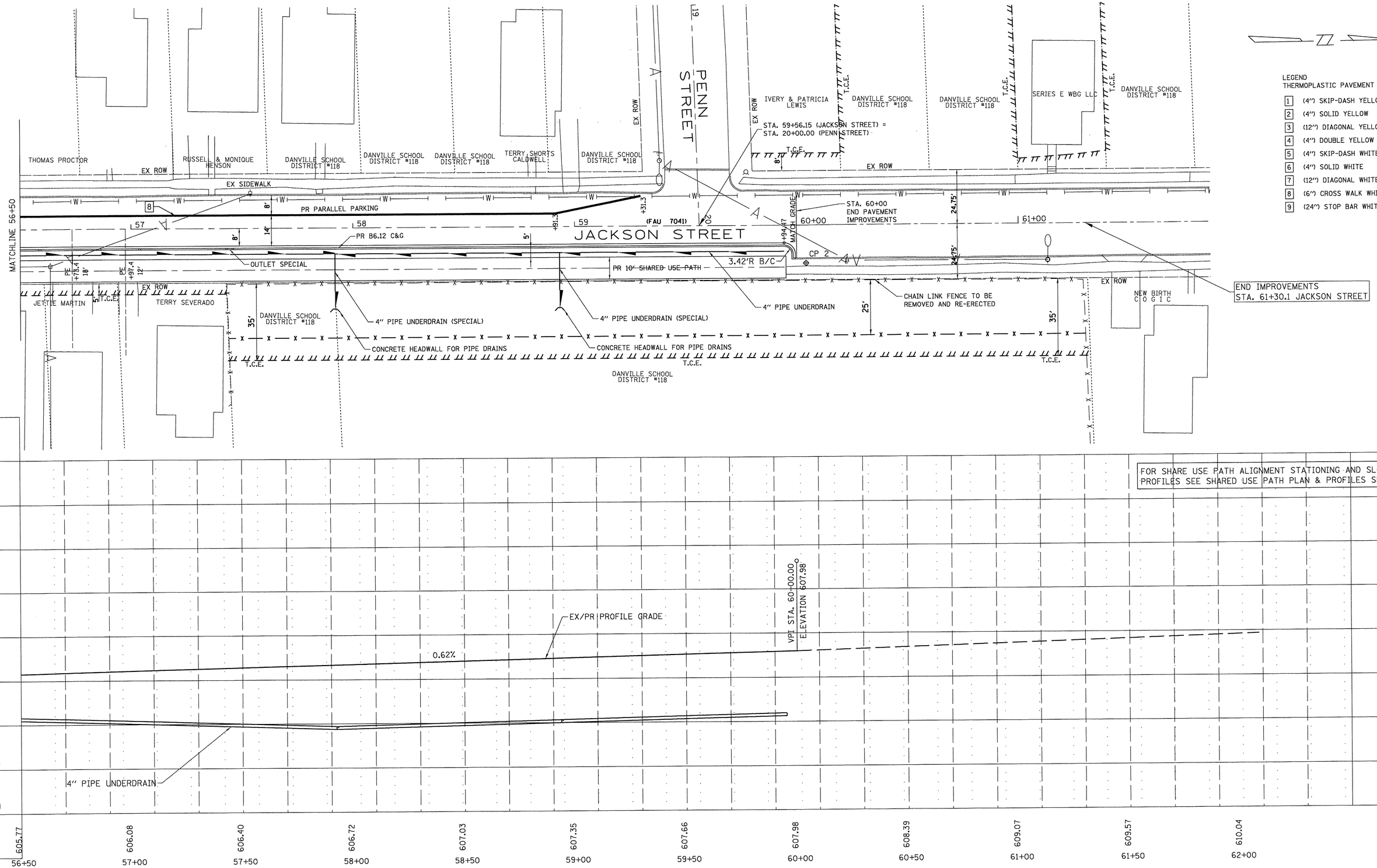
DANVILLE HIGH SCHOOL SHARED USE PATH
PLAN & PROFILE JACKSON STREET II

SCALE: 1:20 | STA. 51+50 TO 56+50

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
•	12-00348-00-BT	Vermilion	94	32
	CONTRACT NUMBER 91498			



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DRAWN	- ENC	REVISED	-
CHECKED	- RDS	REVISED	-
DATE	- 8/31/2016	REVISED	-

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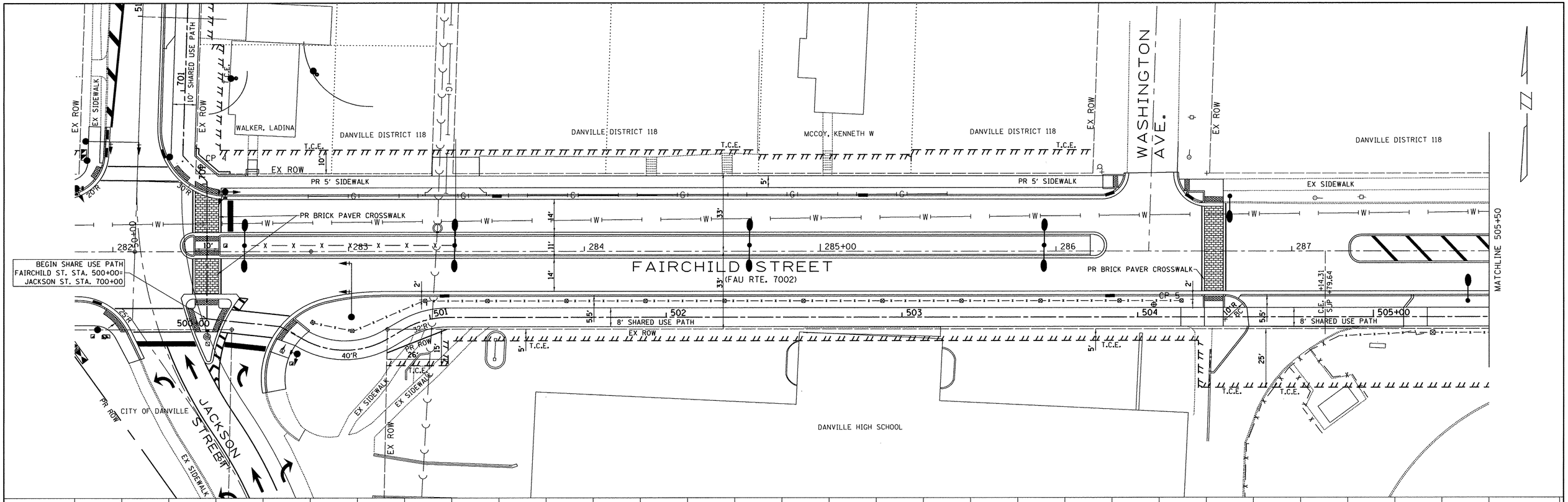
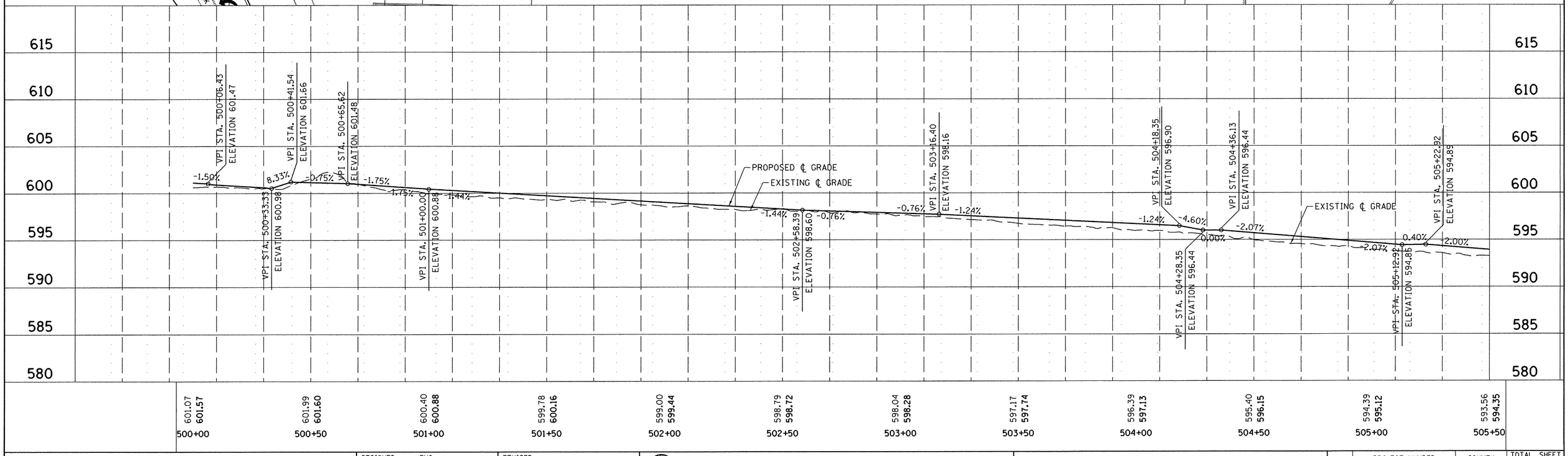
DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

DANVILLE HIGH SCHOOL SHARED USE PATH
PLAN & PROFILE JACKSON STREET III

SCALE: 1:20 | STA. 56+50 TO 60+00

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
*	12-00348-00-BT	Vermilion	94	33
	CONTRACT NUMBER 91498			





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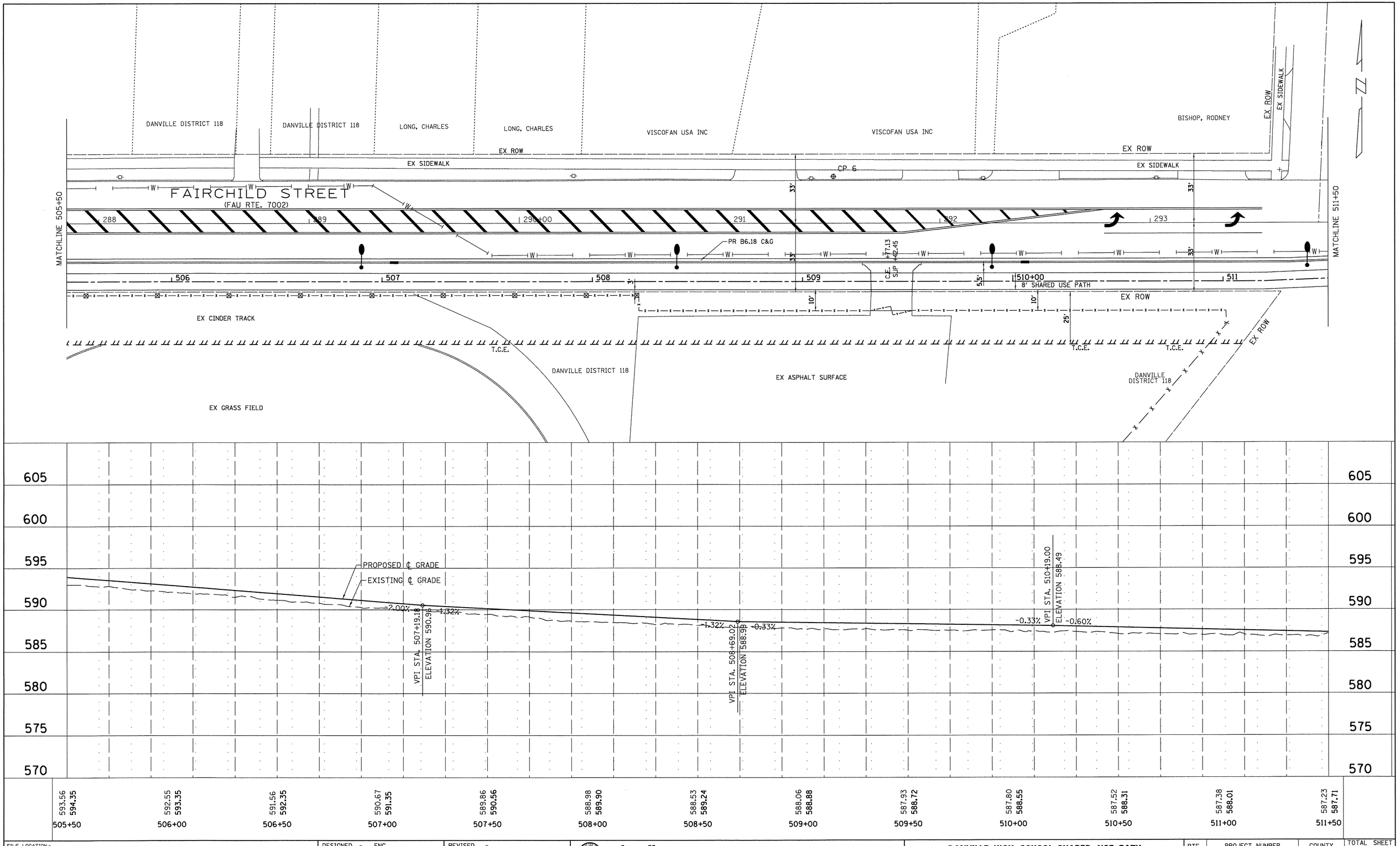
DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

DANVILLE HIGH SCHOOL SHARED USE PATH
PLAN & PROFILE FAIRCHILD STREET I

SCALE: 1:20 | STA. 280+83 TO 286+80

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEET SHEETS	NO.
•	12-00348-00-BT	Vermilion	94	34
	CONTRACT NUMBER 91498			



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DRAWN	ENC/MN	REVISED	-
CHECKED	RDS	REVISED	-
DATE	8/31/2016	REVISED	-

CITY OF DANVILLE, 17 WEST MAIN STREET
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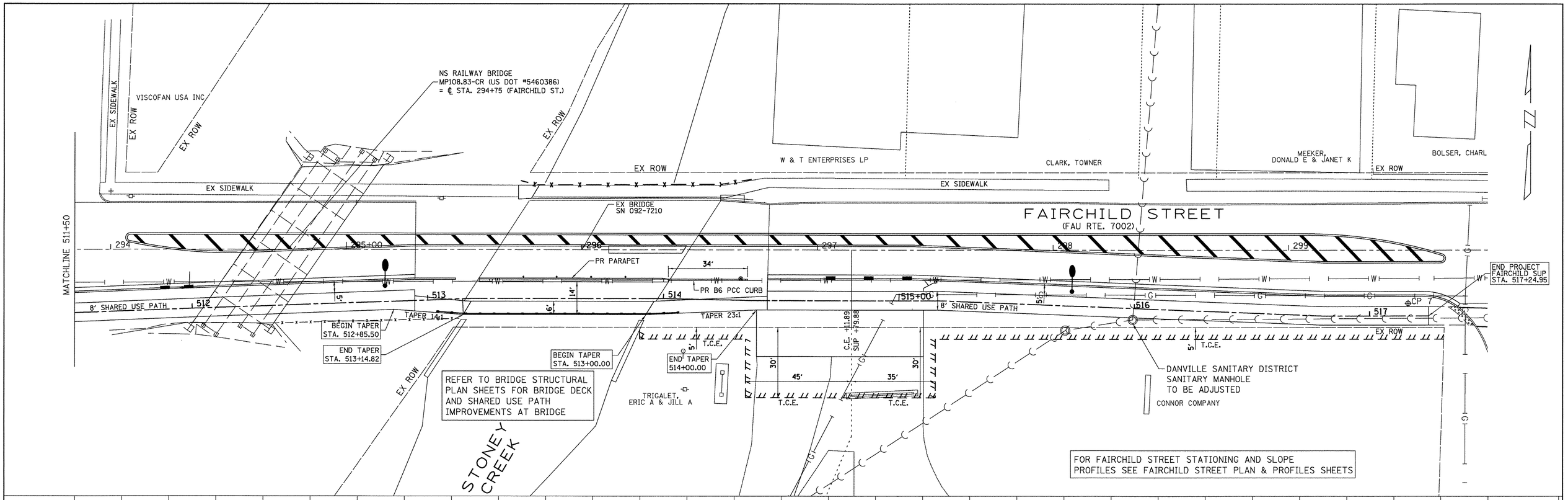
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

DANVILLE HIGH SCHOOL SHARED USE PATH
PLAN & PROFILE FAIRCHILD STREET II

SCALE: 1:20 | STA. 286+80 TO 292+80

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
•	12-00348-00-BT	Vermilion	94	35
	CONTRACT NUMBER 91498			



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DESIGNED	- ENC	REVISED	-
DRAWN	- ENC/MN	REVISED	-
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DATE	- 8/31/2016	REVISED	-

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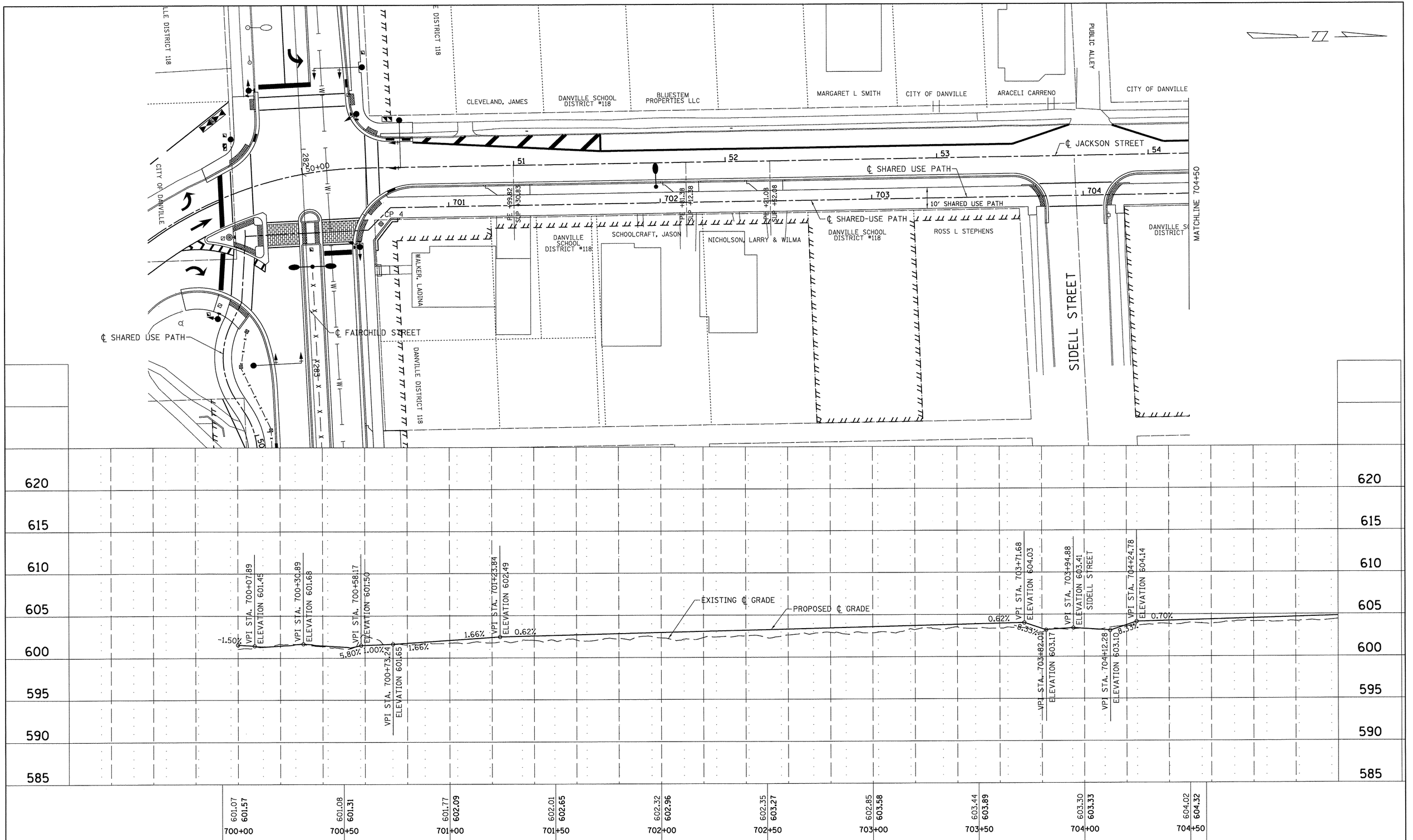
DANVILLE HIGH SCHOOL SHARED USE PATH
PLAN & PROFILE FAIRCHILD STREET III

SCALE: 1:20 | STA. 292+80 TO 298+80

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
•	12-00348-00-BT	Vermilion	94	36
	CONTRACT NUMBER 91498			



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DESIGNED - ENC	REVISED -	
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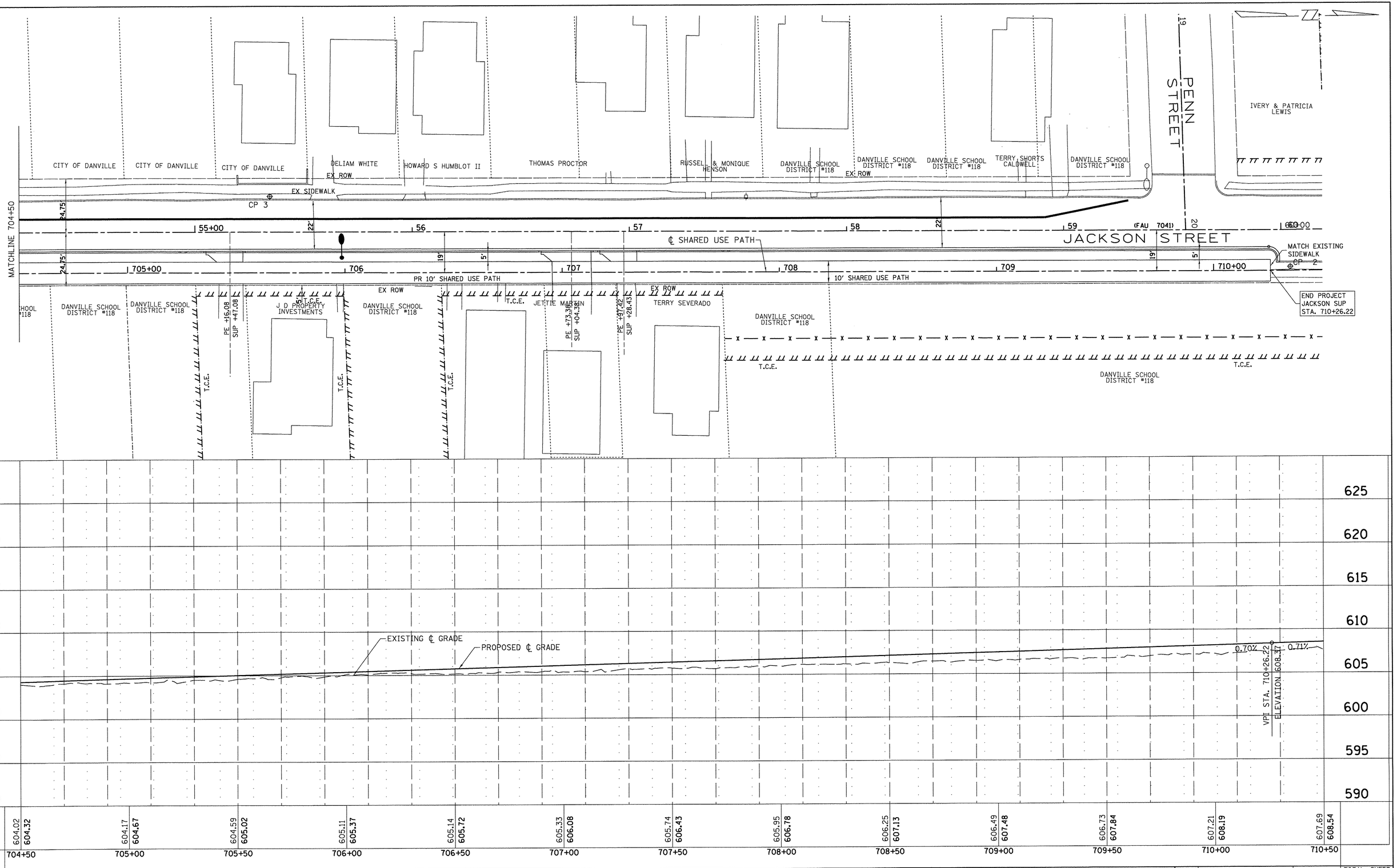
DANVILLE HIGH SCHOOL SHARED USE PATH
PLAN & PROFILE JACKSON STREET I

SCALE: 1:20 | STA. 298+80 TO 300+00.02

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
•	12-00348-00-BT	Vermilion	94	37
	CONTRACT NUMBER 91498			



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CITY OF DANVILLE, 17 WEST MAIN STREET
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DEPARTMENT OF ENGINEERING
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DANVILLE HIGH SCHOOL SHARED USE PATH
PLAN & PROFILE JACKSON STREET II

SCALE: 1:20 | STA. 48+82 TO 51+50

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEET SHEETS NO.
•	12-00348-00-BT	Vermilion	94 38
	CONTRACT NUMBER 91498		

MATCHLINE 50+75

R6-1R
STA. 281+62.39
ONE WAY

R3-2
STA. 281+62.39

DANVILLE DISTRICT 118

WALKER, LADINA

DANVILLE DISTRICT 118

DANVILLE DISTRICT 118

MCCOY, KENNETH W

DANVILLE DISTRICT 118

MATCHLINE 286+00

BEGIN IMPROVEMENT
STA. 280+83.00

281

282

282+00

R6-1L
STA. 282+54.08
ONE WAY

R3-1
STA. 282+54.08

FAIRCHILD STREET

283

284

285

285+00

8' SHARED USE PATH

S1-1
STA. 284+63.18

W16-2a
200 FT
STA. 284+63.18

DANVILLE HIGH SCHOOL

WILLIAM & SHERRI SHANK

DANVILLE DISTRICT 118

CITY OF DANVILLE

JACKSON STREET

ONE WAY
R6-1L
STA. 282+40.00

ONE WAY
R6-1R
STA. 282+40.00

S1-1
STA. 288+79.72

W16-2a
200 FT
STA. 288+79.72

PEDESTRIAN CROSSWALK
WARNING SYSTEM
SEE DETAIL SHEET

DANVILLE DISTRICT 118

DANVILLE DISTRICT 118

DANVILLE DISTRICT 118

LONG, CHARLES

LONG, CHARLES

VISCOFAN USA INC

VISCOFAN USA INC

WASHINGTON AVE.

FAIRCHILD STREET

MATCHLINE 286+00

286

287

288

289

290+00

291

MATCHLINE 292+00

8' SHARED USE PATH

DANVILLE DISTRICT 118

SEEDING CLASS 1A

LANDSCAPING GRAVEL

GROW LOW FRAGRANT SUMAC

STELLA d'ORO' DAYLILY

1 EASTERN WHITE PINE
2 SWAMP WHITE OAK
3 PRINCETON SENTRY GINKGO

FILE LOCATION =
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CITY OF DANVILLE, 17 WEST MAIN STREET
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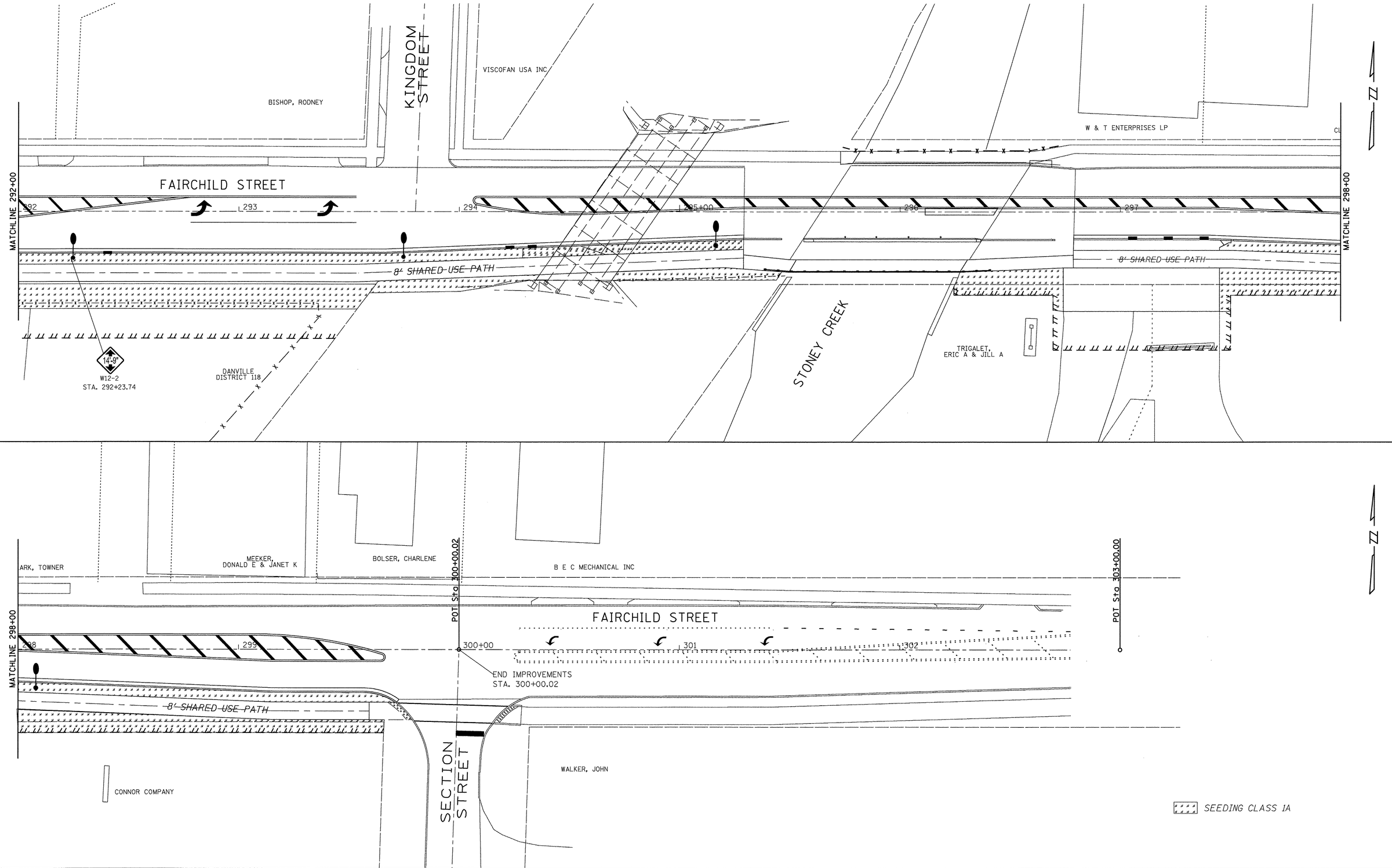
DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

DANVILLE HIGH SCHOOL SHARED USE PATH
LANDSCAPING & SIGNING PLANS I

SCALE: 1"=20' | STA. 280+00 TO 292+00

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
•	12-00348-00-BT	Vermilion	94	39
CONTRACT NUMBER 91498				



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DEPARTMENT OF ENGINEERING
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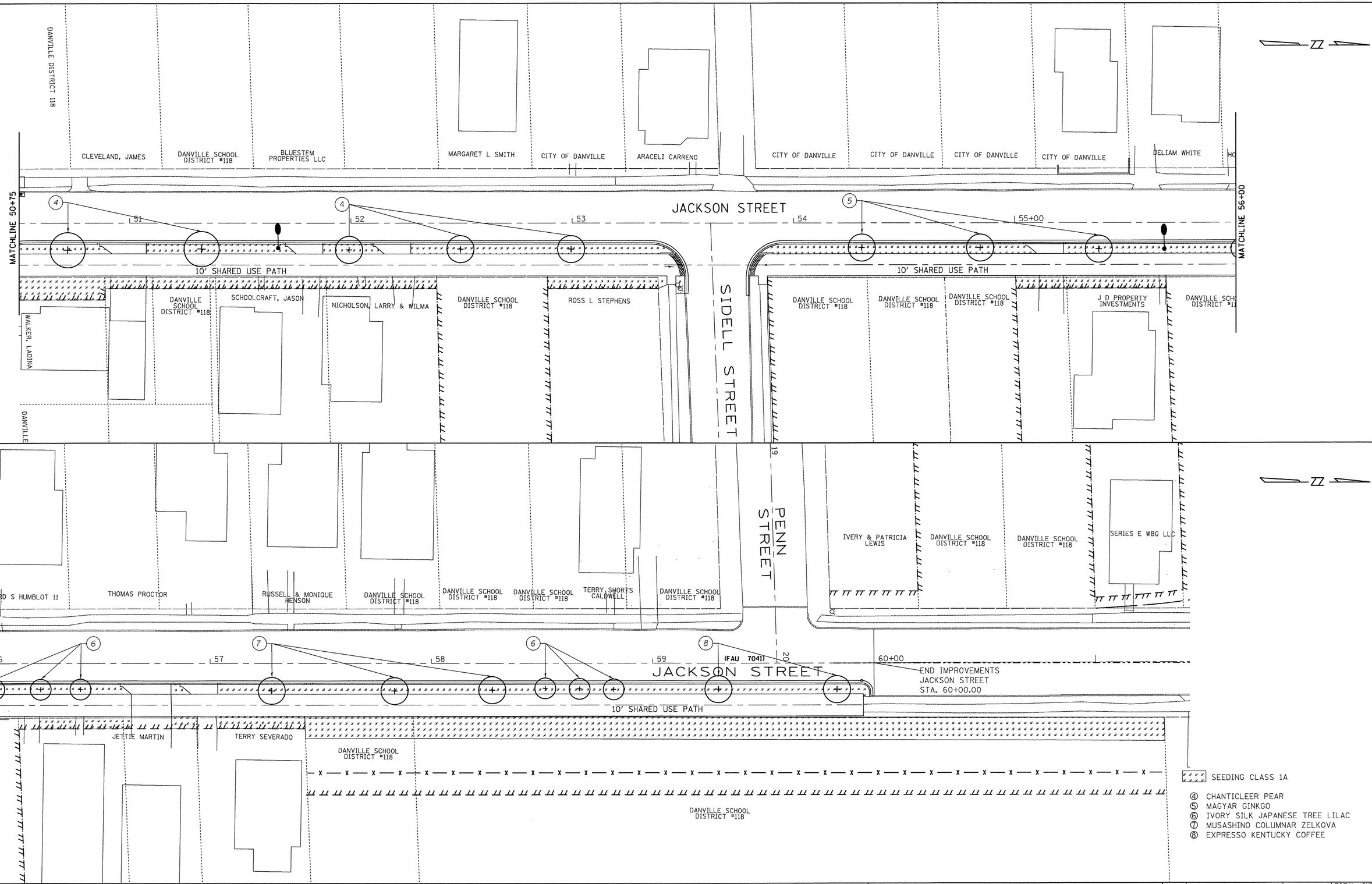
DANVILLE HIGH SCHOOL SHARED USE PATH
LANDSCAPING & SIGNING PLANS II

SCALE: 1"=20' | STA. 292+00 TO 302+00

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
•	12-00348-00-BT	Vermillion	94	40
CONTRACT NUMBER 91498				



SEEDING CLASS 1A

④ CHANTICLEER PEAR
⑤ MAGYAR GINKGO
⑥ IVORY SILK JAPANESE TREE LILAC
⑦ MUSASHINO COLUMNAR ZELKOVA
⑧ EXPRESSO KENTUCKY COFFEE

FILE LOCATION=
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DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

DANVILLE HIGH SCHOOL SHARED USE PATH
LANDSCAPING & SIGNING PLANS III

SCALE: 1"=20' | STA. 50+75 TO 60+00

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
•	12-00348-00-BT	Vermilion	94	41
	CONTRACT NUMBER 91498			

MAINTENANCE OF TRAFFIC GENERAL NOTES

1. THE CONTRACTOR MUST FURNISH, INSTALL, MAINTAIN, AND REMOVE ALL TEMPORARY SIGN SUPPORTS. AFTER REMOVING THE SUPPORTS, THE CONTRACTOR MUST FILL HOLES (IF ANY) AND RESTORE THE GROUND TO ITS ORIGINAL CONDITION AND ELEVATION AS DIRECTED BY THE ENGINEER. THE COST OF PLACING GRAVEL, SOD, OR SEED MUST BE INCLUDED IN THE UNIT BID PRICE FOR "TRAFFIC CONTROL & PROTECTION (SPECIAL)".

2. SIGNING SHALL BE PLACED AT A LOCATION THAT WILL BE COMPATIBLE WITH EXISTING SIGNING.

3. ALL TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE TRAFFIC CONTROL PLANS AND THE LATEST EDITION OF THE STATE OF ILLINOIS "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", AND SHALL BE IN PLACE BEFORE THE CONSTRUCTION IS STARTED AND SHALL BE ADJUSTED TO ACCOMMODATE THE VARIOUS STAGES OF CONSTRUCTION SHOWN.

4. THE TRAFFIC CONTROL PLANS SHALL SERVE AS A GUIDE FOR SAFE DIVERSION OF TRAFFIC DURING EXECUTION OF THIS CONTRACT. HOWEVER, THE CONTRACTOR MAY IMPROVE OR MODIFY THE TRAFFIC CONTROL PLANS FOR HIS CONSTRUCTION NEEDS BUT NOT AT THE EXPENSE OF THE PUBLIC SAFETY OR CONVINCE. ANY CONTRACTOR PROPOSED TRAFFIC CONTROL PLAN ALTERATIONS SHALL BE SUBMITTED FOR THE WRITTEN APPROVAL OF THE ENGINEER.

5. SIGN AND BARRICADE LOCATIONS MAY BE ADJUSTED IN THE FIELD AS DIRECTED BY THE ENGINEER. ANY EXISTING TRAFFIC SIGNS THAT CONFLICT WITH THIS WORK SHALL BE COVERED AS DIRECTED BY THE ENGINEER. ANY SIGNS OR DEVICE LEFT IN PLACE ARE TO BE PROTECTED FROM DAMAGE BY THE CONTRACTOR AND ANY DAMAGE CAUSED BY THIS WORK WILL BE PAID FOR BY THE CONTRACTOR.

6. THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND TRAFFIC CONTROL DEVICES MAY BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

7. ALL TYPE III BARRICADES SHALL HAVE REFLECTORIZED STRIPING ON BOTH SIDES OF ALL RAILS ON BARRICADES.

8. THE INSTALLATION AND RELOCATION OF STAGING SHALL BE PERFORMED IN A SAFE AND PROMPT MANNER.

9. THE CONTRACTOR SHALL NOT IMPLEMENT ANY STAGING PHASE OR SUBPHASE UNLESS ALL THE NECESSARY EQUIPMENT AND MANPOWER IS PRESENT AT THE SITE SO THAT IT CAN BE ENTIRELY ACCOMPLISHED.

10. NOTHING HEREIN SHALL RELIEVE THE CONTRACTOR FROM FOLLOWING ALL THE STATE, FEDERAL, AND LOCAL REQUIREMENTS, PERMITS, AND OTHER PROCEDURES NECESSARY TO PERFORM THE WORK AS SHOWN ON THE CONTRACT DRAWINGS, IN THE CONTRACT SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

11. THE CONTRACTOR SHALL PROVIDE ACCESS TO EMERGENCY VEHICLES AT ALL TIMES.

12. UPON COMPLETION OF CONSTRUCTION ACTIVITIES, PAVEMENT, PAVEMENT MARKINGS, CURB AND GUTTER, OUTSIDE THE RECONSTRUCTION LIMITS, THESE ITEMS ARE TO BE RESTORED TO THEIR PRE- CONSTRUCTION CONDITIONS AS INDICATED IN THE EXISTING TYPICAL SECTIONS IN THE PLANS. AS DETERMINED BY THE ENGINEER, DEFICIENCIES IN THE CONDITION OF THESE ELEMENTS AS THEY RELATE TO THE PRE- CONSTRUCTION CONDITION ARE TO BE IMPROVED BY THE CONTRACTOR UNTIL THEY ARE ACCEPTED BY THE ENGINEER.

13. A MINIMUM OF TWO FLASHING LIGHTS SHALL BE USED AT NIGHT ON EACH APPROACH IN ADVANCE OF THE WORK AREA. FLASHING LIGHTS SHALL BE INSTALLED ABOVE THE FIRST TWO SIGNS IN THE SERIES.

14. WHEN A SIDE ROAD INTERSECTS THE HIGHWAY ON WHICH WORK IS BEING PERFORMED, ADDITIONAL TRAFFIC DEVICES SHALL BE ERECTED AND PROVIDED AS DIRECTED BY THE ENGINEER.

15. THE CONTRACTOR SHALL INSTALL AND MAINTAIN PROPOSED AND TEMPORARY DRAINAGE SYSTEMS, AND EROSION CONTROL THROUGHOUT STAGE CONSTRUCTION DURING THE DURATION OF THE PROJECT.

16. THE CONTRACTOR SHALL INSTALL AND COVER ALL TEMPORARY SIGNING BEFORE EXISTING SIGNS ARE REMOVED.

17. THE CONTRACTOR SHALL INSTALL AND COVER ALL PERMANENT SIGNING BEFORE TEMPORARY SIGNS ARE REMOVED

18. EXISTING TRAFFIC SIGNS IN CONFLICT WITH STAGING SHALL BE REMOVED, RELOCATED OR COVERED AS DIRECTED BY THE ENGINEER.

19. THE CONTRACTOR SHALL MAINTAIN DRIVEWAY, FIELD ENTRANCE, AND SIDE ROAD ENTRANCE AT ALL TIMES AT THE LOCATIONS SHOWN ON THE PLANS OR WHERE DIRECTED BY THE ENGINEER. THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR TEMPORARY ACCESS (PRIVATE ENTRANCE) AND TEMPORARY ACCESS (COMMERCIAL ENTRANCE). EACH ENTRANCE SHALL ONLY BE MEASURED FOR PAYMENT ONCE.

20. THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER FOR APPROVAL A MAINTENANCE OF TRAFFIC CONTROL AND PROTECTION PLAN FOR THE CONSTRUCTION STAGING REQUIRED FOR THE PROPOSED IMPROVEMENTS ON ALL SIDE ROADS AND THE COMMERCIAL ENTRANCES.

21. AT THE END OF EACH WORK DAY, THE CONTRACTOR SHALL BACKFILL OR COVER ALL TRENCHES AND OPEN EXCAVATION HOLES FOR PROPOSED STORM SEWERS AND DRAINAGE STRUCTURES IN ORDER TO PROVIDE A SAFE CONDITION FOR MOTORISTS AND THE PUBLIC DURING NON -WORKING HOURS. THE COST OF THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR TRAFFIC CONTROL PROTECTION.

22. THE CONTRACTOR SHALL REMOVE EXISTING PAVEMENT MARKING IF IT CONFLICTS WITH THE PROPOSED OR TEMPORARY PAVEMENT MARKING.

23. SIDEWALK SHOULD BE MAINTAINED AND ACCESS TO ALL BUILDING SHOULD BE PROVIDED AT ALL TIMES, UNLESS OTHERWISE SPECIFIED BY THE ENGINEER.

FILE LOCATION=
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CITY OF DANVILLE, 17 WEST MAIN STREET
DANVILLE, ILLINOIS 61832
TELEPHONE: 217.431.2400

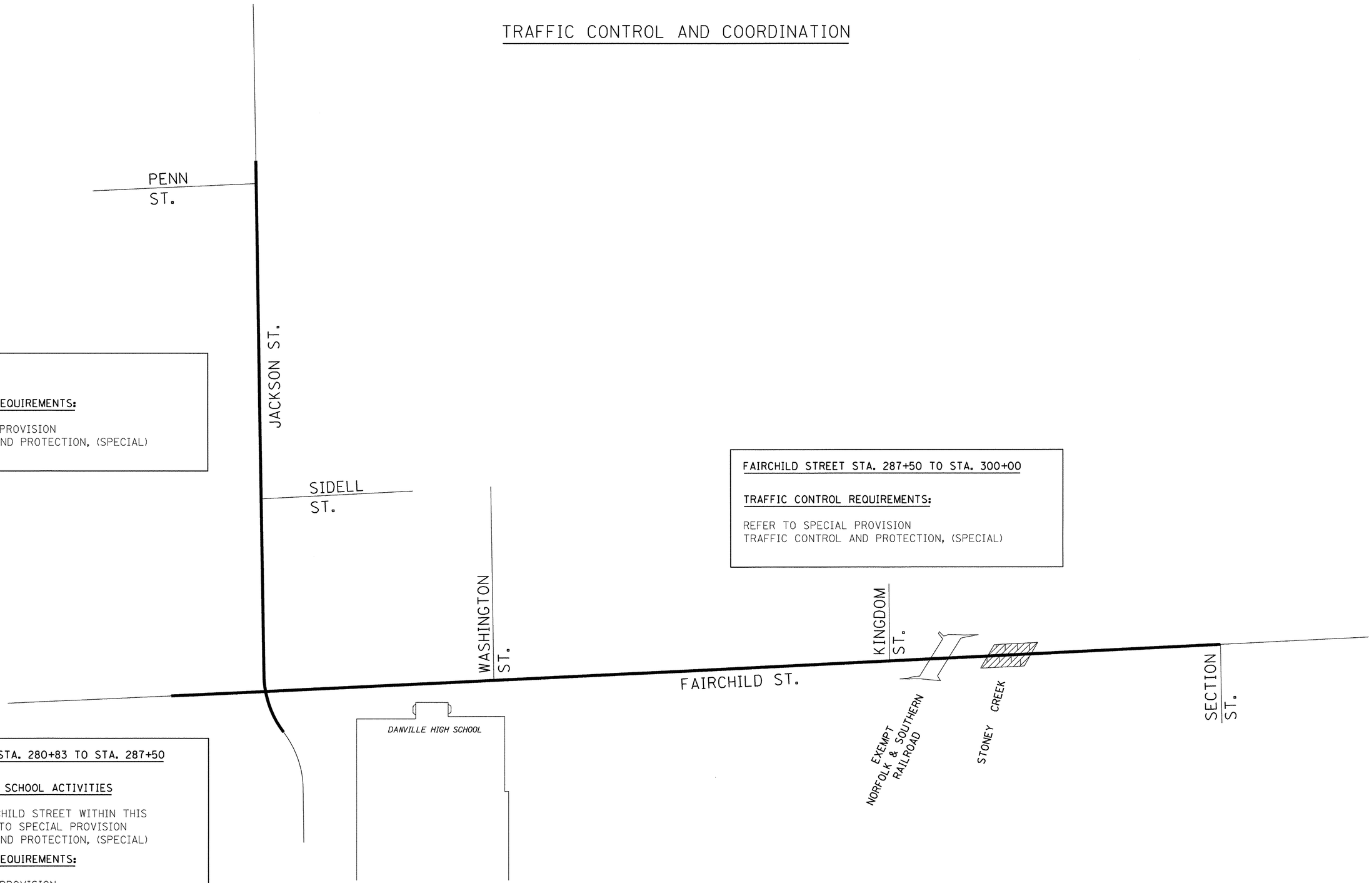
DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

DANVILLE HIGH SCHOOL SHARED USE PATH
TRAFFIC CONTROL I

SCALE: N/A

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
*	12-00348-00-BT	Vermilion	94	42
	CONTRACT NUMBER 91498			

TRAFFIC CONTROL AND COORDINATION



JACKSON STREET

TRAFFIC CONTROL REQUIREMENTS:

REFER TO SPECIAL PROVISION
TRAFFIC CONTROL AND PROTECTION, (SPECIAL)

FAIRCHILD STREET STA. 287+50 TO STA. 300+00

TRAFFIC CONTROL REQUIREMENTS:

REFER TO SPECIAL PROVISION
TRAFFIC CONTROL AND PROTECTION, (SPECIAL)

FAIRCHILD STREET STA. 280+83 TO STA. 287+50

COORDINATION WITH SCHOOL ACTIVITIES

FOR WORK ON FAIRCHILD STREET WITHIN THIS STATIONING REFER TO SPECIAL PROVISION TRAFFIC CONTROL AND PROTECTION, (SPECIAL)

TRAFFIC CONTROL REQUIREMENTS:

REFER TO SPECIAL PROVISION
TRAFFIC CONTROL AND PROTECTION, (SPECIAL)

FILE LOCATION = X:\Projects\City\Current\12-00348-00-BT DHS SHARED PATH\CIVIL\CONSTRUCTION\EROSION & TRAFFIC CONTROL.DGN

DESIGNED - MDS	REVISED -	
DRAWN - MDS	REVISED -	
CHECKED - ENC	REVISED -	
DATE - 8/31/2016	REVISED -	

CITY OF DANVILLE, 17 WEST MAIN STREET
DANVILLE, ILLINOIS 61832
TELEPHONE: 217.431.2400

DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

DANVILLE HIGH SCHOOL SHARED USE PATH
TRAFFIC CONTROL II

SCALE: NTS

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
•	12-00348-00-BT	Vermilion	94	43
	CONTRACT NUMBER 91498			

NOTE REMOVAL OF EXISTING TRAFFIC SIGNALS:

ALL EXISTING SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS, PEDESTRIAN PUSH BUTTONS, ALUMINIUM MAST ARM AND POLES, SIGNAL POSTS, PEDESTRIAN PUSH BUTTONS POSTS, AND BACK PLATES SHALL BE REMOVED BY THE CONTRACTOR AND DISPOSED OF AT THEIR EXPENSE.
THE EXISTING TRAFFIC CONTROLLER AND CABINET SHALL BE SALVAGED AND DELIVERED TO THE DANVILLE DEPARTMENT OF PUBLIC WORKS, 1155 E. VOORHEES STREET, SUITE A, DANVILLE ILLINOIS.

GENERAL NOTES

1. ALL DETECTION CAMERAS AT THIS INTERSECTION SHALL REQUIRE NO SPECIAL TOOLS FOR INSTALLATION AND BE CAPABLE OF ZOOM AND FOCUS FROM THE GROUND.
2. TRAFFIC SIGNAL POSTS AND MAST ARMS SHALL BE POWDER COATED MAROON. THIS WORK SHALL BE INCLUDED IN "TRAFFIC SIGNAL POST, GALVANIZED STEEL 3.5 FT, 10 FT, & 16 FT", 'STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 22 FT". ALL SIGNAL HEADS SHALL HAVE MATCHING MAROON PAINT.
3. CONTRACTOR SHALL SUPPLY TEMPORARY TRAFFIC SIGNALS AND COORDINATE WITH INSTALLATION OF NEW SIGNALS. SEE SPECIAL PROVISION "TEMPORARY TRAFFIC SIGNAL INSTALLATION (SPECIAL).

PUBLIC ALLEY
EXISTING ELECTRIC FEED UPGRADE TO 200AMP SERVICE FEED
EXISTING ELECTRIC FEED TO HAZEL STREET SIGNALS TO BE MAINTAINED AND RECONNECT TO UPGRADED SERVICE FEED
PR ELECTRIC SERVICE FEED
JACKSON STREET
51
701
30" FOUNDATION STA. 50+46.27, 22.4'LT
3.5' POST STA. 50+36.28, 22.0' LT
DOUBLE HANDHOLE STA. 50+40.52, 23.1' LT
16' POST STA. 281+84.51, 26.9' LT
22' MAST ARM
HANDHOLE STA. 281+55.57, 32.0' LT
REUSE EXISTING CONDUIT
30" FOUNDATION STA. 281+62.43, 30.5'LT
22' MAST ARM
3.5' POST STA. 50+40.79, 13.4' RT
16' POST STA. 282+47.64, 25.4' LT
PR HANDHOLE STA. 282+49.03, 2.4' LT
282
281
FAIRCHILD STREET
3.5' POST STA. 281+93.56, 33.0' RT
16' POST STA. 281+70.89, 23.3' RT
SALVAGE EX TRAFFIC CONTROLLER SEE NOTE
PROPOSED TRAFFIC SIGNAL CONTROLLER WITH UPS BASE MOUNTED
PROPOSED LIGHTING CONTROLLER BASE MOUNTED
PR DOUBLE HANDHOLE STA. 281+96.21, 36.0' RT
PR HANDHOLE STA. 281+91.59, 36.0' RT
20' (2) 4"
REUSE EXISTING CONDUIT
4' 2"
EX HANDHOLE STA. 49+49.55, 16.3' RT
10' POST STA. 282+40.00, 36.0' RT
22' MAST ARM
30" FOUNDATION STA. 283+01.27', 27.7' LT
283
501
REUSE EXISTING CONDUIT
4' 2"
3' 2"
32' 2"
16' POST STA. 282+78.28, 43.4' RT
PR HANDHOLE STA. 49+24.26, 45.2' RT
ZZ

TRAFFIC SIGNAL LEGEND

- PROPOSED SINGLE/DOUBLE HANDHOLE
- PROPOSED CONTROLLER
- PROPOSED COMBINATION MAST ARM
- PROPOSED SIGNAL POLE WITH MAST ARM
- PROPOSED SIGNAL POST
- PROPOSED PEDESTRIAN PUSH BUTTON
- PROPOSED PEDESTRIAN SIGNAL HEAD
- PROPOSED SIGNAL HEAD WITH BACKPLATE
- PROPOSED SIGNAL HEAD WITHOUT BACKPLATE
- PROPOSED VIDEO DETECTION CAMERA
- EXISTING UNDERGROUND CONDUIT
- PROPOSED UNDERGROUND CONDUIT
- E — ELECTRIC SERVICE FEED IN CONDUIT
- L — STREET LIGHTING CONDUIT

FILE LOCATION = X:\Projects\City\Current\12-00348-00-BT DHS SHARED PATH\CIVIL\CONSTRUCTION\TRAFFIC SIGNAL & LIGHTING.DGN

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CITY OF DANVILLE, 17 WEST MAIN STREET
DANVILLE, ILLINOIS 61832
TELEPHONE: 217.431.2400

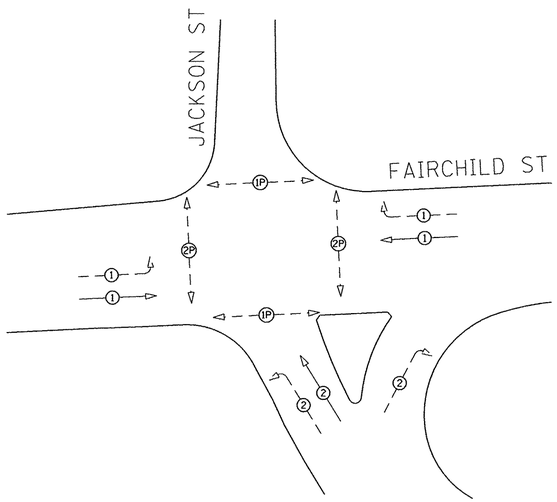
DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

DANVILLE HIGH SCHOOL SHARED USE PATH
TRAFFIC SIGNAL PLAN

SCALE: 1"=10' | FAIRCHILD & JACKSON

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
•	12-00348-00-BT	Vermilion	94	44
CONTRACT NUMBER 91498				

CONTROLLER SEQUENCE



AUTOMOBILE MODE PHASING WITH NO PED DETECTION

		YELLOW	RED		YELLOW	RED
AMPH	38	4	1	12	4	1
PMPH	38	4	1	12	4	1

AUTOMOBILE MODE PHASING WITH PED DETECTION

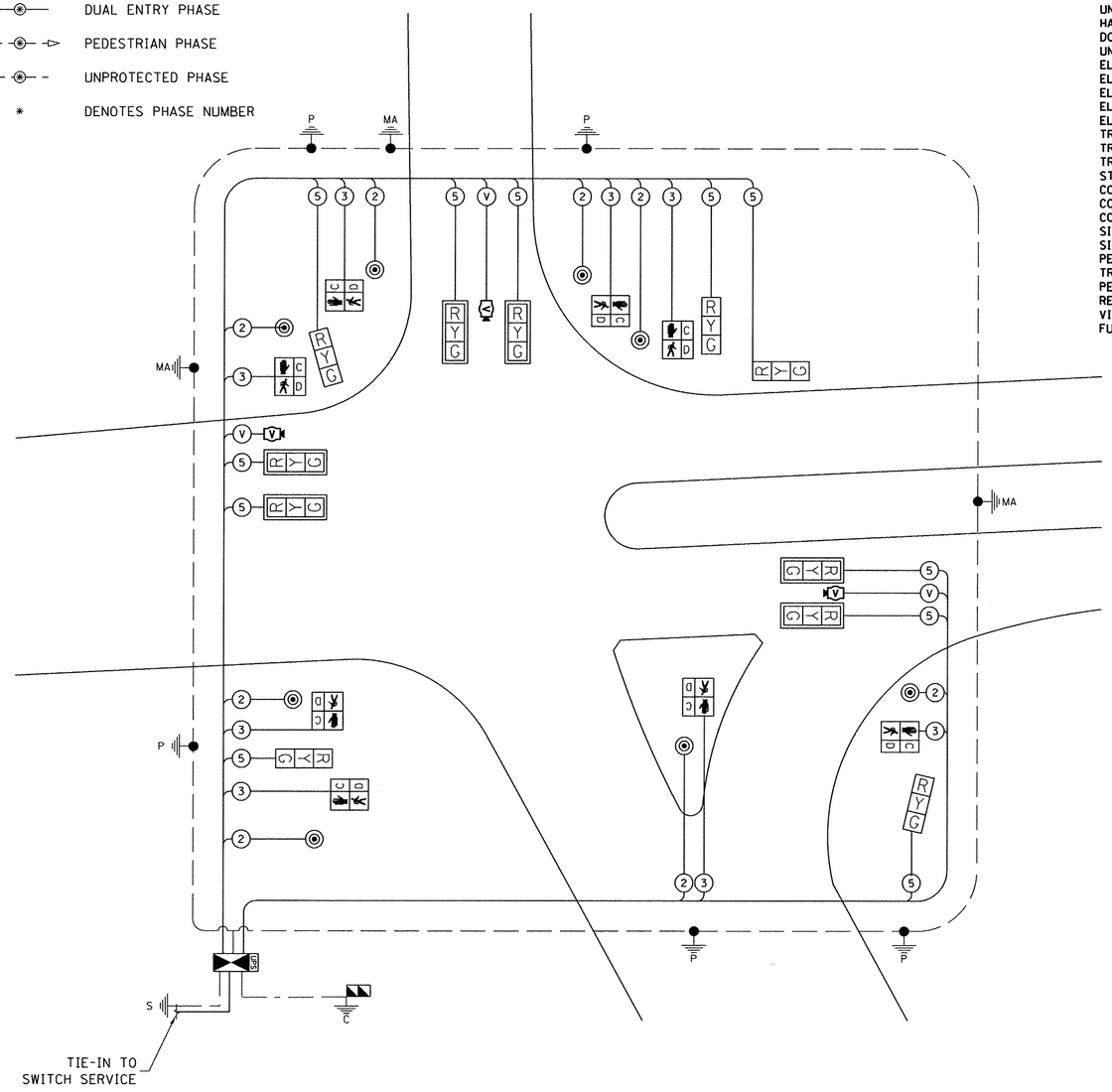
		YELLOW	RED		YELLOW	RED
AMPH	38	4	1	15	4	1
PMPH	38	4	1	15	4	1

PEDESTRIAN MODE PHASING

	WALK	COUNTDOWN	DON'T WALK		WALK	COUNTDOWN	DON'T WALK
AMPH	7	33	3	AMPH	4	13	3
PMPH	7	33	3	PMPH	4	13	3

LEGEND

- DUAL ENTRY PHASE
- PEDESTRIAN PHASE
- UNPROTECTED PHASE
- * DENOTES PHASE NUMBER



BILL OF MATERIALS

ITEM	UNIT	QUANTITIES
UNDERGROUND CONDUIT, PVC. 2" DIA.	FOOT	362
UNDERGROUND CONDUIT, PVC. 4" DIA.	FOOT	97
HANDHOLE	EACH	4
DOUBLE HANDHOLE	EACH	2
UNINTERRUPTABLE POWER SUPPLY, STANDARD	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	926
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1450
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1660
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	216
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	171
TRAFFIC SIGNAL POST, GALVANIZED STEEL 3 1/2 FT.	EACH	3
TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	1
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	4
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 22 FT.	EACH	3
CONCRETE FOUNDATION, TYPE A	FOOT	30
CONCRETE FOUNDATION, TYPE C	FOOT	6
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	30
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	6
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	5
PEDESTRIAN SIGNAL HEAD, LED, 3-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8
TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	6
PEDESTRIAN PUSH-BUTTON	EACH	8
REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	125
VIDEO DETECTION SYSTEM	EACH	1
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1

CABLE DIAGRAM LEGEND

- R — 12" TRAFFIC SIGNAL SECTION
- (5) — DENOTES NUMBERS OF CONDUCTORS, ALL CABLE NO. 14 EXCEPT AS INDICATED
- CONTROLLER CABINET
- GROUND CABLE IN CONDUIT NO. 6 SOLID COPPER (GREEN)
- R Y G — SIGNAL FACE WITH BACKPLATE
- C D — PEDESTRIAN SIGNAL HEAD, INTERNATIONAL SYMBOL, WITH COUNTDOWN METER
- PEDESTRIAN PUSH BUTTON DETECTOR
- V — VIDEO DETECTION CAMERA
- DOUBLE HANDHOLE
- MA — GROUND ROD AT POST (P), OR MAST ARM (MA)
- C — GROUND ROD AT DOUBLE HANDHOLE (C)
- S — GROUND ROD AT ELECTRIC SERVICE INSTALLATION

TYPE	NO. LAMPS	WATTAGE INCAND.	WATTAGE LED	%OPERATION	TOTAL WATTAGE
SIGNAL (RED)	11	-	17	0.50	93.5
(YELLOW)	11	-	25	0.25	68.8
(GREEN)	11	-	15	0.25	41.3
PED. SIGNAL	8	-	25	1.00	200
CONTROLLER	1	-	100	1.00	100
VIDEO SYSTEM	1	150	-	1.00	150
ENERGY COSTS TO:				TOTAL =	653.6

FOUNDATION (DEPTH)	FT. (m)	CABLE SLACK	FT. (m)	VERTICAL	FT. (m)
TYPE A - POST	4 (1.2)	HANDHOLE	6.5 (2.0)	ALL FOUNDATIONS	3.5 (1.0)
D - CONTROLLER	4 (1.2)	DOUBLE HANDHOLE	13 (4.0)	MAST ARM (L) POLE	20'+L-2=
E - M. ARM POLE		SIGNAL POST	2 (1.0)		(6m+L-0.6m)=
30" (750mm)	10 (5.0)	CONTROLLER CAB.	1 (0.5)	BRACKET MOUNTED	14 (4.0)
36" (900mm)	15 (4.6)	FIBER OPTIC	13 (4.0)	PED. PUSH BUTTON	4 (1.2)
42" (1060mm)	25 (7.6)	ELECTRIC SERVICE	1 (0.5)	ELECTRIC SERVICE	13.5 (4.1)
		GROUND CABLE	1 (0.5)	SERVICE TO GROUND	13.5 (4.1)
				POST MOUNTED	6 (1.8)

CITY OF DANVILLE

1155 E VOORHEES ST
DANVILLE, IL 61832
ELECTRIC SERVICE CONENCTION CONTACT:

PHONE: 888-659-4540
COMPANY: AMEREN

FILE LOCATION = X:\Projects\City\Current\12-00348-00-BT DHS SHARED PATH\CIVIL\CONSTRUCTION\TRAFFIC SIGNAL & LIGHTING.DGN

DESIGNED	MDL	REVISED	MDS 9/7/16
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DANVILLE, ILLINOIS 61832
TELEPHONE: 217.431.2400

DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

DANVILLE HIGH SCHOOL SHARED USE PATH
TRAFFIC SIGNAL CABLE PLAN

SCALE: NTS | FAIRCHILD & JACKSON

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
•	12-00348-00-BT	Vermilion	94	45
	CONTRACT NUMBER 91498			

LIGHTING INSTALLATION DATA

LOCATION			TYPE			REMARKS
NO.	STATION	OFFSET	HEIGHT	M.A.	POLE	
1-B-01	282+55.51	2.50' LT	35'	8'	TYPE 1	TWIN LIGHT UNIT
1-A-01	283+44.99	2.53' LT	35'	8'	TYPE 1	TWIN LIGHT UNIT
1-B-02	284+69.99	2.57' LT	35'	8'	TYPE 1	TWIN LIGHT UNIT
1-A-02	285+95.00	2.50' LT	35'	8'	TYPE 1	TWIN LIGHT UNIT
1-B-03	286+73.80	23.30' LT	35'	8'	TYPE 2	ROADWAY/PEDESTRIAN UNIT
1-A-03	287+74.82	21.08' RT	35'	8'	TYPE 2	ROADWAY/PEDESTRIAN UNIT
1-B-04	289+24.82	21.08' RT	35'	8'	TYPE 2	ROADWAY/PEDESTRIAN UNIT
1-A-04	290+74.82	21.23' RT	35'	8'	TYPE 2	ROADWAY/PEDESTRIAN UNIT
1-B-05	292+24.74	21.13' RT	35'	8'	TYPE 2	ROADWAY/PEDESTRIAN UNIT
1-A-05	293+74.70	20.60' RT	35'	8'	TYPE 2	ROADWAY/PEDESTRIAN UNIT
1-B-06	295+16.39	15.29' RT	35'	8'	TYPE 2	ROADWAY/PEDESTRIAN UNIT
1-A-06	298+08.00	17.55' RT	35'	8'	TYPE 2	ROADWAY/PEDESTRIAN UNIT

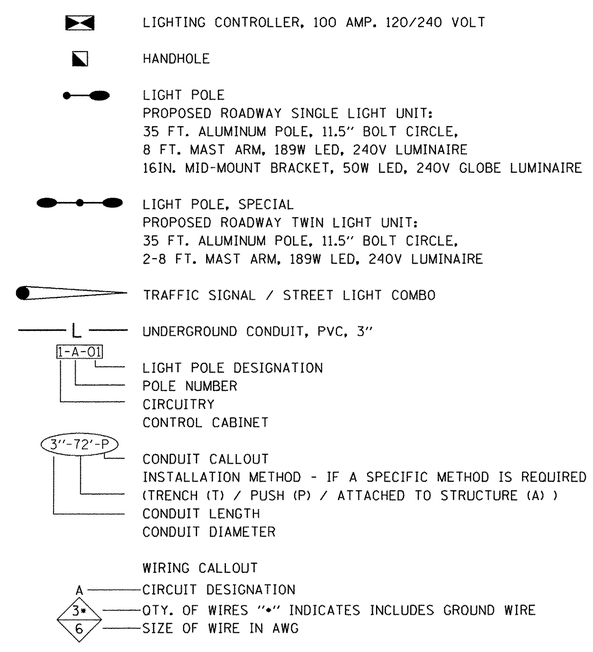
ESTIMATED PROJECT QUANTITIES

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY
80400100	ELECTRIC SERVICE INSTILLATION	EACH	1
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	1603
81100600	CONDUIT ATTACHED TO STRUCTURE, 2" DIA., GALVANIZED STEEL	FOOT	102
81400100	HANDHOLE	EACH	3
81702130	ELECTRIC CABLE IN CONDUIT, 600 V (XLP-TYPE USE) 1/C NO. 6	FOOT	10300
82500350	LIGHTING CONTROLLER, BASE MOUNTED, 240VOLT, 100AMP	EACH	1
83007300	LIGHT POLE, ALUMINUM, 35 FT. M.H., 8 FT. MAST ARM	EACH	8
83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	66
X8211190	LUMINAIRE, LED, HORIZONTAL MOUNT, 190 WATT (SPECIAL)	EACH	16
X1400094	LUMINAIRE, LED, HORIZONTAL MOUNT, LOW WATTAGE	EACH	8
X8300001	LIGHT POLE, SPECIAL	EACH	4

ROADWAY LIGHTING GENERAL NOTES

1. ALL ELECTRICAL WORK SHALL CONFORM TO NATIONAL, STATE, AND LOCAL CODES.
2. IT IS THE INTENT OF THESE PLANS AND SPECIFICATIONS TO PROVIDE A COMPLETE AND PROPERLY OPERATING ELECTRICAL LIGHTING SYSTEM. THE EQUIPMENT SHALL BE FURNISHED AS SPECIFIED AND SHALL INCLUDE ALL INCIDENTAL ITEMS NECESSARY TO PROVIDE A COMPLETE WORKING SYSTEM. INCIDENTAL ITEMS SHALL INCLUDE, BUT ARE NOT LIMITED TO THE FOLLOWING ITEMS: ANCHORAGE, MOUNTING HARDWARE, CONNECTORS, LUGS, FUSES, ETC.
3. CONTRACTOR SHALL FIELD VERIFY EXACT LOCATIONS, QUANTITIES, AND TYPE OF UTILITIES IN AREAS TO BE EXCAVATED PRIOR TO THE COMMENCEMENT OF ANY WORK AND SHALL HAND EXCAVATE AS REQUIRED IN ORDER TO NOT INTERRUPT ANY EXISTING SERVICES. SEE CIVIL DRAWINGS FOR LOCATIONS OF EXISTING AND NEW UTILITIES. IF, IN PERFORMING WORK, DAMAGE TO EXISTING UTILITIES OCCURS, THE CONTRACTOR SHALL NOTIFY THE UTILITY OWNER IMMEDIATELY AND PAY ANY COST INCURRED FOR REPAIR OR REPLACEMENT.
4. ELECTRICAL EQUIPMENT, RACEWAY, ETC. ARE SHOWN IN APPROXIMATE LOCATIONS ONLY. CONTRACTOR SHALL INSTALL ELECTRICAL EQUIPMENT, RACEWAYS, ETC. WHERE DIRECTED BY THE ENGINEER IN ORDER TO BEST SUITE JOB CONDITIONS.
5. ALL ABANDONED LIGHT POLE FOOTINGS SHALL BE BROKEN DOWN A MINIMUM OF 3 FEET. ALL HANDHOLES SHALL BE COMPLETELY REMOVED. ALL VOIDS CAUSED BY THESE REMOVALS SHALL BE BACKFILLED AND COMPACTED PER ARTICLE 841.02.
6. NO SPLICING IS ALLOWED INSIDE ELECTRICAL DUCTS OR BELOW GRADE. ALL WIRING INTERCONNECTIONS SHALL BE INSTALLED SHALL BE INSTALLED IN ACCESSIBLE AREAS AND SHALL BE MADE WITH ILLINOIS DOT APPROVED CONNECTORS.
7. ROADWAY LUMINARIES SHALL BE LED TYPE GENERAL ELECTRIC ERS20H3C1740 MAROON OR AN APPROVED EQUAL, EXCEPT THOSE AFTER STATION 295+00 SHALL BE BLACK.
8. MID-MOUNT PEDESTRIAN LUMINARIES SHALL MATCH APPROPRIATE COLOR AND BE EQUIPPED FOR 50W LED AND EQUIVALENT TO A STERNBERG MODEL 1340 BOARDWALK LUMINAIRE WITH A 16 1/2" ARM AS DETAILED.

LIGHTING LEGEND



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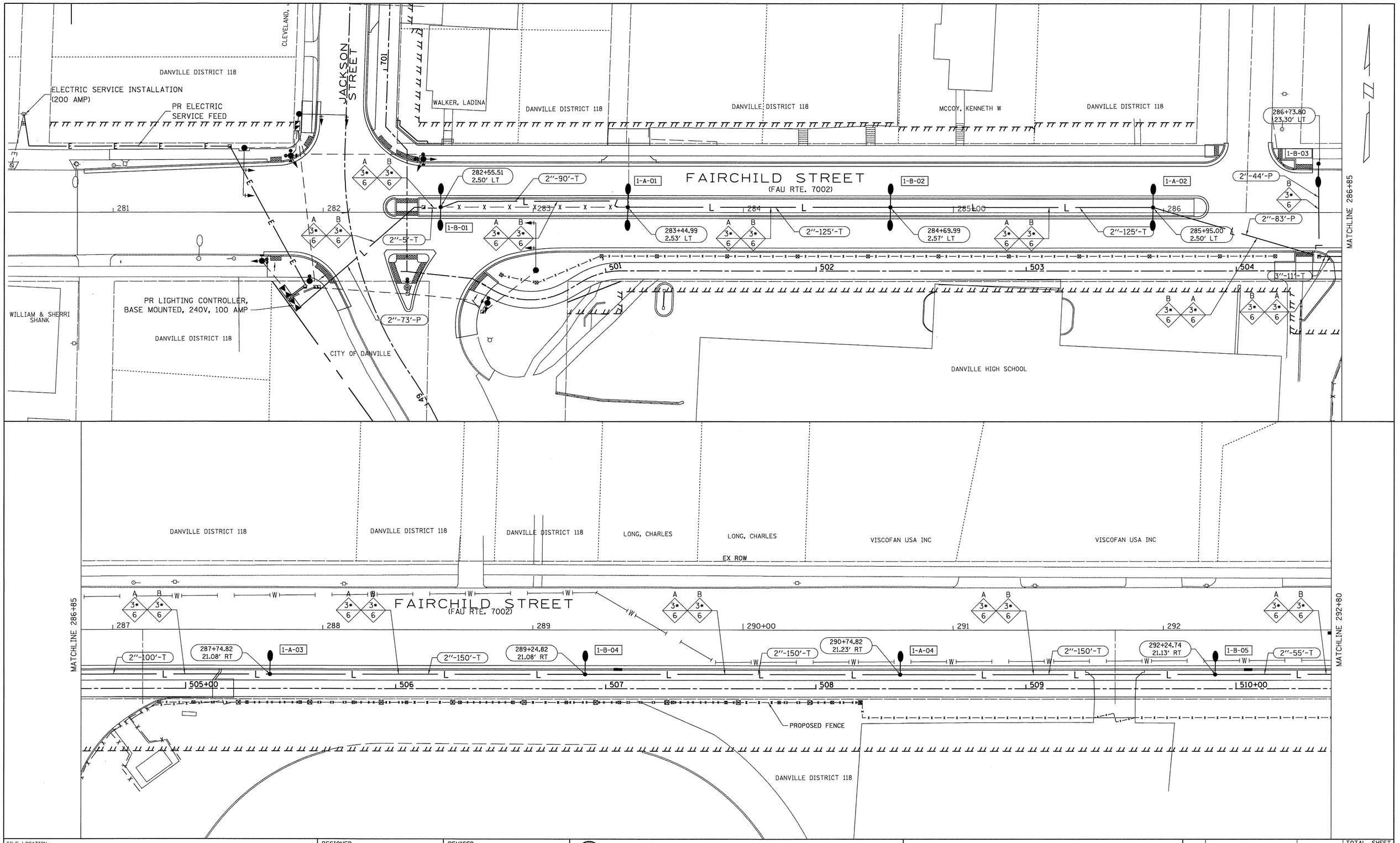
CITY OF DANVILLE, 17 WEST MAIN STREET
DANVILLE, ILLINOIS 61832
TELEPHONE: 217.431.2400

DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

DANVILLE HIGH SCHOOL SHARED USE PATH
LIGHTING PLAN I

SCALE: N/A | FAIRCHILD STREET

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
*	12-00348-00-BT	Vermilion	94	46
CONTRACT NUMBER 91498				



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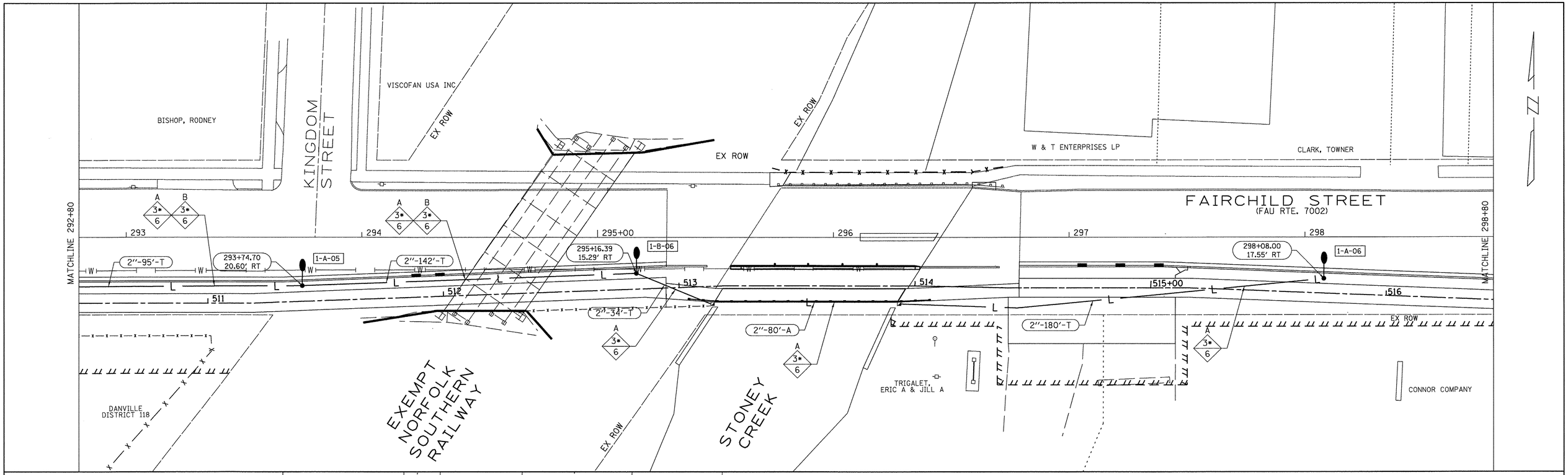
DANVILLE HIGH SCHOOL SHARED USE PATH
LIGHTING PLAN II

SCALE: 1"=20' | FAIRCHILD STREET

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
•	12-00348-00-BT	Vermilion	94	47
CONTRACT NUMBER 91498				



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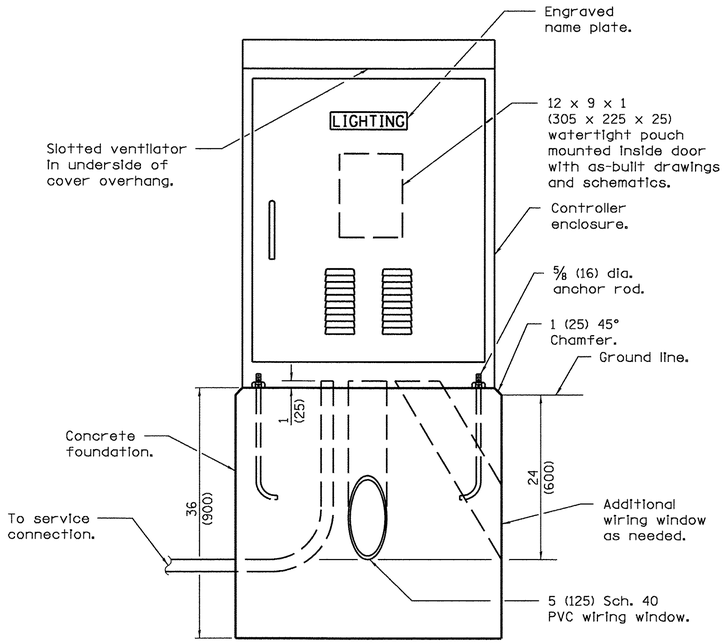
	CHECKED -	REVISED -	
	DATE - 8/31/2016	REVISED -	

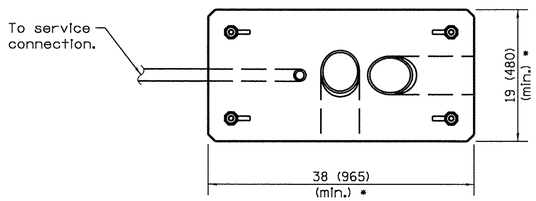
DANVILLE HIGH SCHOOL SHARED USE PATH
LIGHTING PLAN III

SCALE: 1"=20' | FAIRCHILD STREET

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
•	12-00348-00-BT	Vermilion	94	48
	CONTRACT NUMBER 91498			

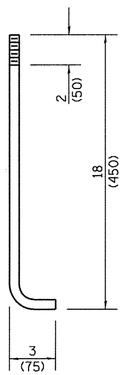


LIGHTING CONTROLLER



FOUNDATION (PLAN)

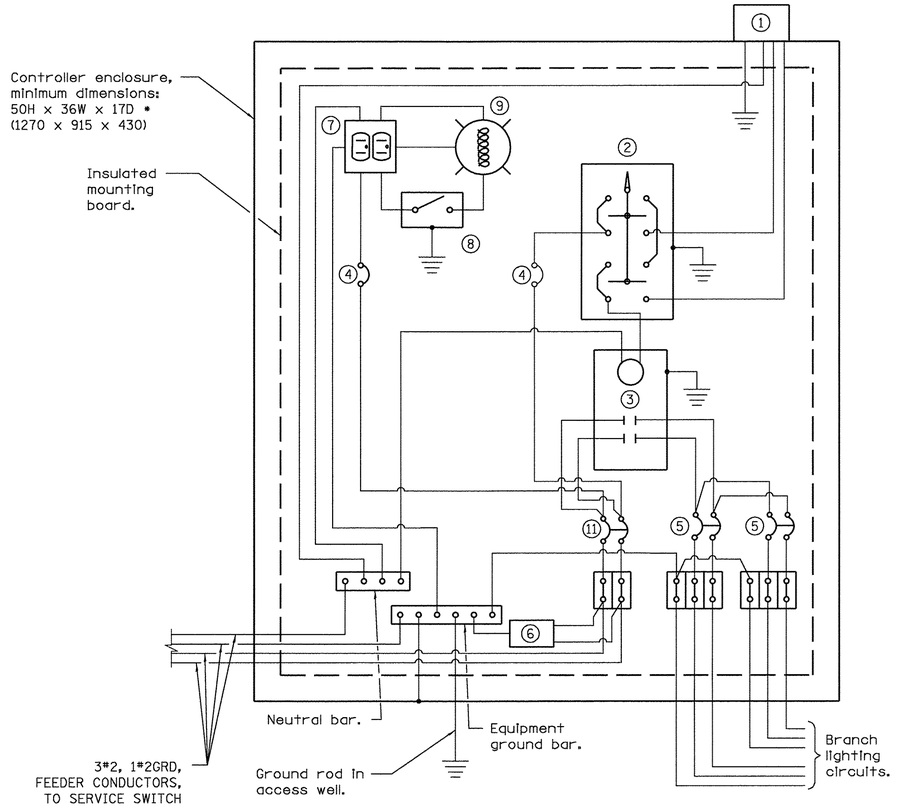
(Work pad not shown.)



ANCHOR ROD DETAIL

NOTE

CONTROLLER SHALL BE SHOP PRIMED AND PRINTED BLACK TO MATCH TRAFFIC SIGNALS AND LIGHT POLES



CONTROL SCHEMATIC

1. Photocell with integral surge arrester.
2. HAND-OFF-AUTO selector switch.
3. 100 amp*, electrically held contactor.
4. 15 amp, 1-pole circuit breaker.
5. 20 amp*, 2-pole circuit breaker (two spares required but not shown).
6. Surge arrester.
7. GFCI duplex receptacle.
8. Single-pole, single-throw switch.
9. Incandescent luminaire, enclosed and gasketted with 100 watt lamp.
10. Service disconnect switch - 2-pole, 3-wire, 100 amp*, fused at 100 amp*, solid neutral in NEMA 4X enclosure having lockable external handle.
11. 100 amp*, 2-pole circuit breaker.

* Size larger as needed.

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

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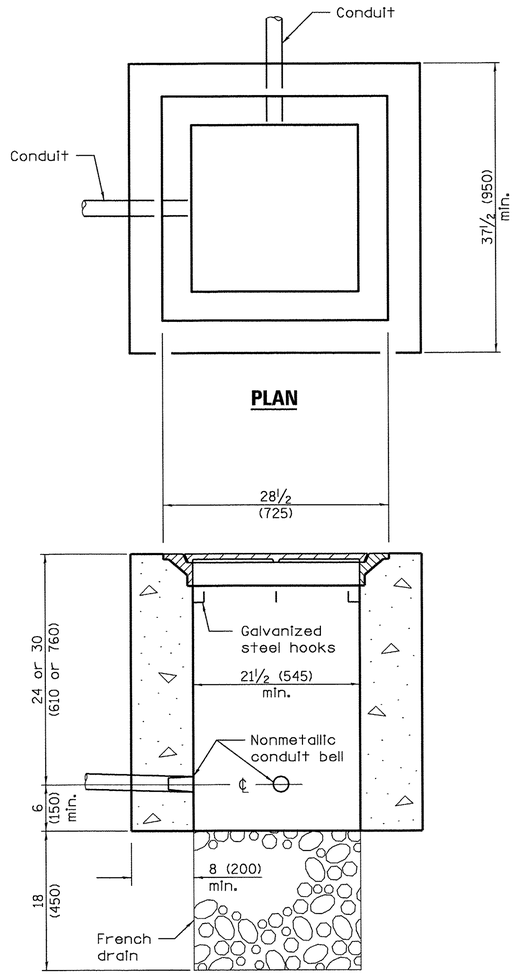
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

DANVILLE HIGH SCHOOL SHARED USE PATH
LIGHTING PLAN IV

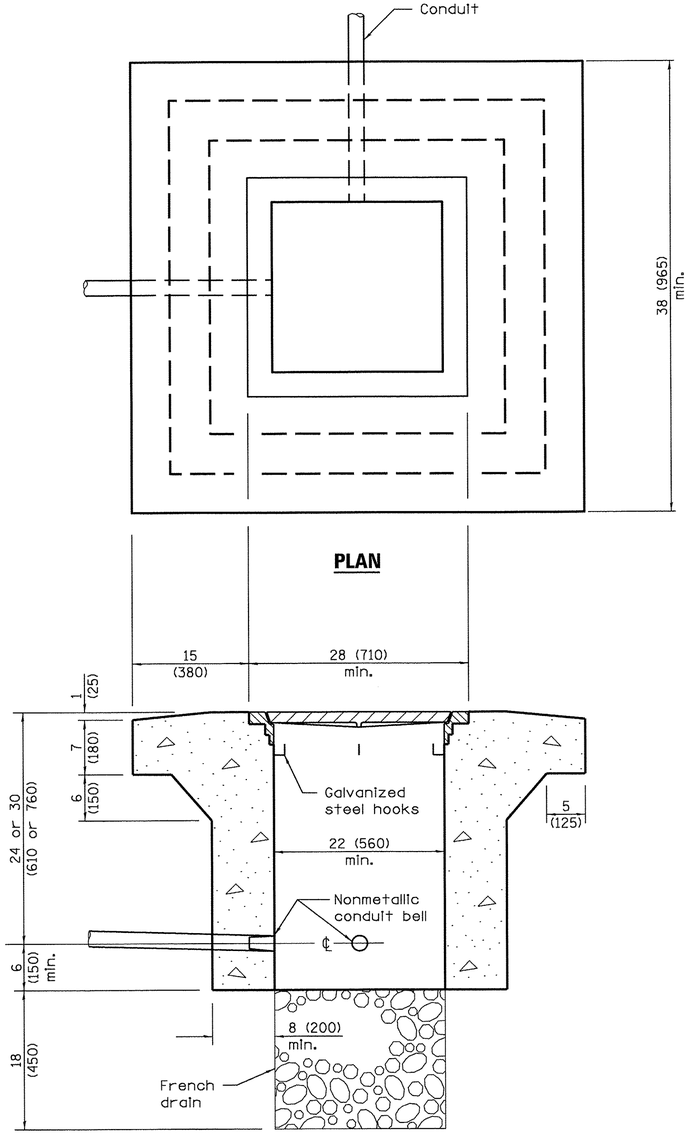
SCALE: NTS | FAIRCHILD STREET

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
*	12-00348-00-BT	Vermilion	94	49
CONTRACT NUMBER 91498				



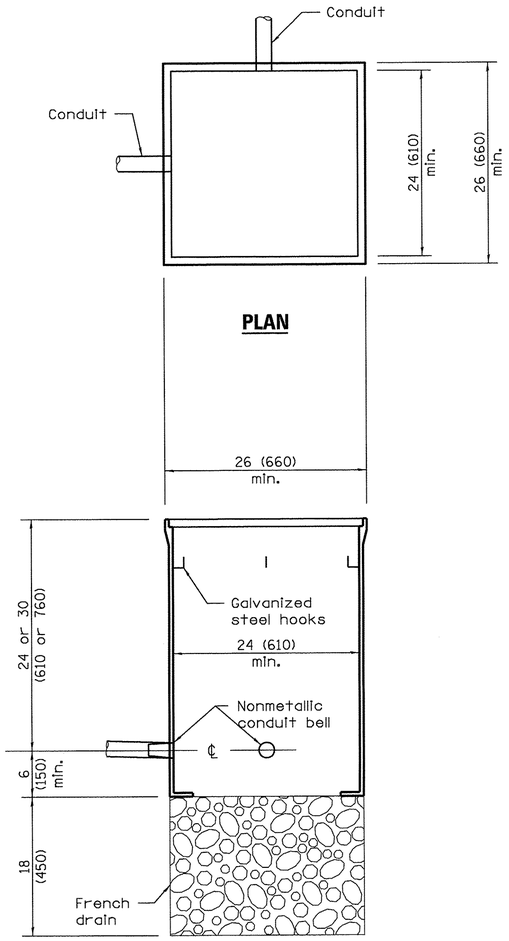
ELEVATION

PORTLAND CEMENT CONCRETE



ELEVATION

PORTLAND CEMENT CONCRETE
HEAVY DUTY



ELEVATION

COMPOSITE CONCRETE

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

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DATE -	8/31/2016	REVISED -

CITY OF DANVILLE, 17 WEST MAIN STREET
DANVILLE, ILLINOIS 61832
TELEPHONE: 217.431.2400

DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

DANVILLE HIGH SCHOOL SHARED USE PATH
LIGHTING PLAN V

SCALE: NTS | FAIRCHILD STREET

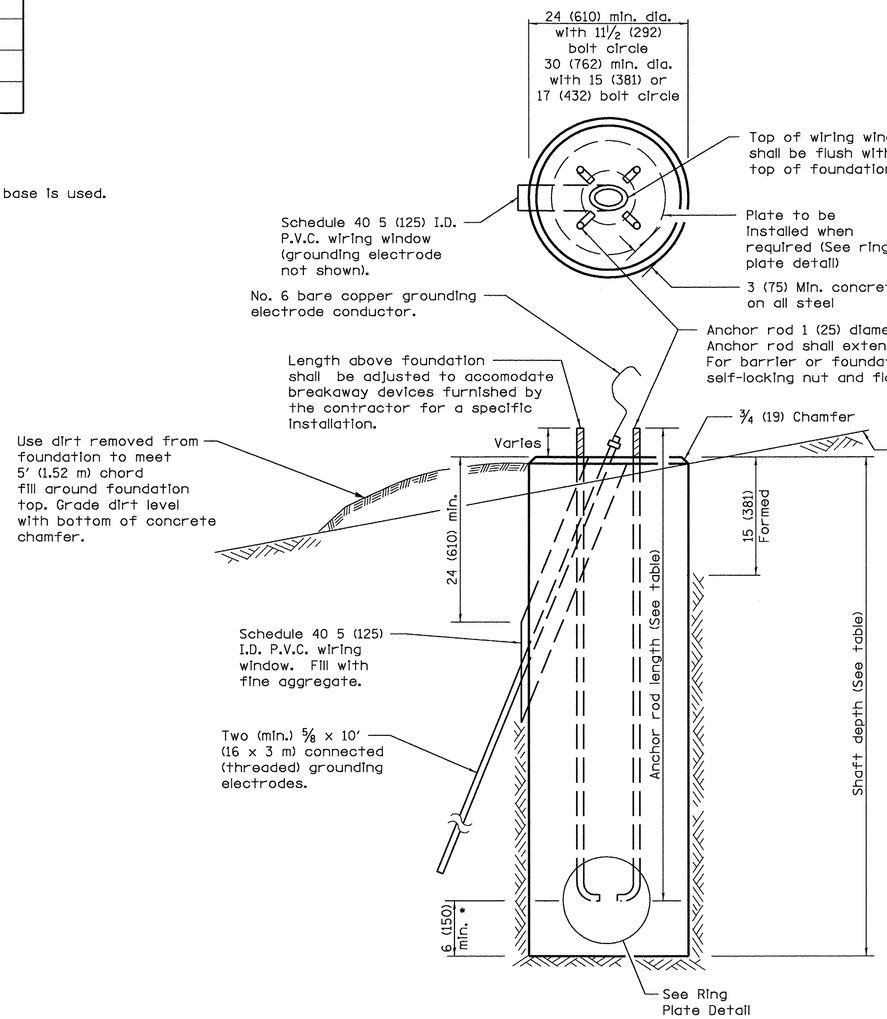
RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
•	12-00348-00-BT	Vermilion	94	50
	CONTRACT NUMBER 91498			

LIGHT POLE MOUNTING HEIGHT	BOLT CIRCLE DIAMETER	CONCRETE FOUNDATION		
		SHAFT DIAMETER	SHAFT DEPTH	ANCHOR ROD LENGTH (1)
≤30′ (9.1 m)	11½ (292)	24 (610)	5′-0″ (1.52 m)	4′-9″ (1.45 m)
31′-35′ (9.4 m - 10.7 m)	11½ (292)	24 (610)	5′-6″ (1.67 m)	5′-3″ (1.60 m)
36′-40′ (10.9 m - 12.2 m)	15 (381)	30 (762)	6′-0″ (1.83 m)	5′-9″ (1.75 m)
41′-45′ (12.5 m - 13.7 m)	15 (381)	30 (762)	6′-6″ (1.98 m)	6′-3″ (1.90 m)
46′-50′ (14.0 m - 15.2 m)	15 (381)	30 (762)	7′-0″ (2.13 m)	6′-9″ (2.00 m)

(1) Length does not include 4 (100) hook.

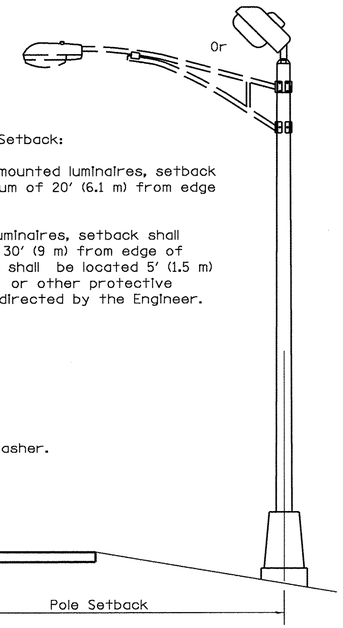
(2) 8⅝ x 8′-0″ (220 x 2.44 m) for twin luminaires.

(3) Bolt circle diam. shall be 17 (430) when a transformer base is used.



* If the required anchor rod length above top of foundation is less than 3 (75), anchor rods may be lowered below 6 (150).

CONCRETE FOUNDATION



Pole Foundation Setback:

For horizontal mounted luminaires, setback shall be a minimum of 20′ (6.1 m) from edge of pavement.

For multimount luminaires, setback shall be a minimum of 30′ (9 m) from edge of pavement. Poles shall be located 5′ (1.5 m) behind guardrail or other protective barriers, or as directed by the Engineer.

GENERAL NOTES

All foundations are designed to be located on slopes not exceeding 2:1 where soils have an unconfined compressive strength of at least 1.0 TSF. The Contractor shall verify the soil strength during drilling for concrete foundations or by monitoring installation resistance of metal foundations and notify the Engineer if other conditions are encountered.

Anchor rod shall be increased in diameter as needed for 50′ (15.2 m) mounting height or above. The Contractor shall match the breakaway device size or slotted hole size in the pole base plate to accomodate larger rod sizes.

Transformer bases shall not be used on metal foundations.

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

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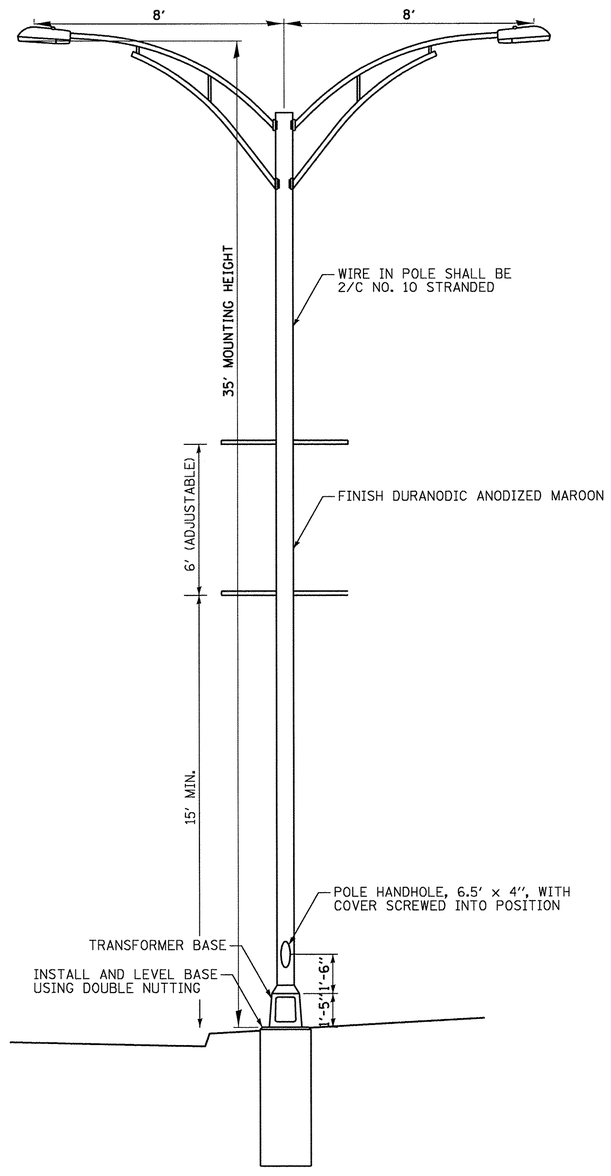
CITY OF DANVILLE, 17 WEST MAIN STREET
DANVILLE, ILLINOIS 61832
TELEPHONE: 217.431.2400

DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

DANVILLE HIGH SCHOOL SHARED USE PATH
LIGHTING PLAN VI

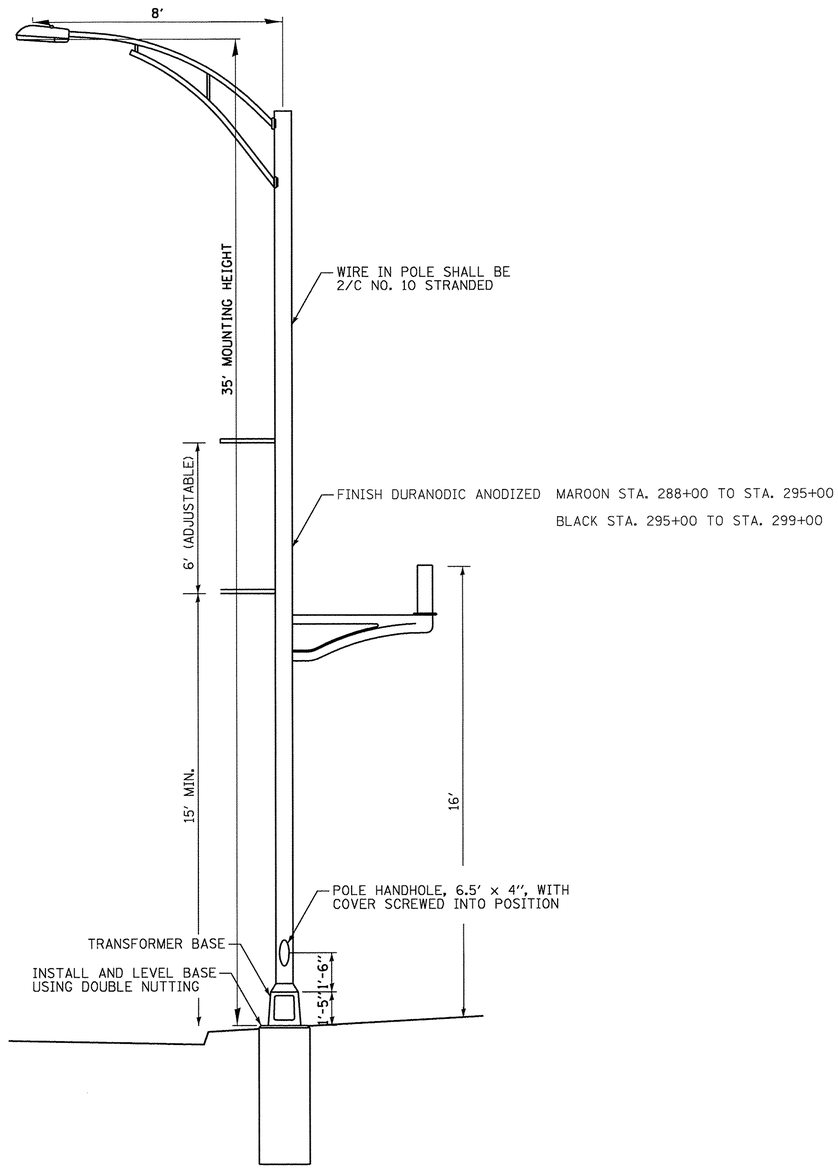
SCALE: NTS | FAIRCHILD STREET

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
•	12-00348-00-BT	Vermilion	94	51
	CONTRACT NUMBER 91498			



TYPE 1

LIGHT POLE WITH 2–8' MAST ARM AND ADJUSTABLE HANGERS



TYPE 2

LIGHT POLE WITH MAST ARM, ADJUSTABLE HANGERS AND PED LIGHT

FILE LOCATION=
X:\Projects\City\Current\12-00348-00-BT DHS SHARED PATH\CIVIL\CONSTRUCTION\DETAILS.DGN

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DATE	- 8/31/2016	REVISED -

CITY OF DANVILLE, 17 WEST MAIN STREET
DANVILLE, ILLINOIS 61832
TELEPHONE: 217.431.2400

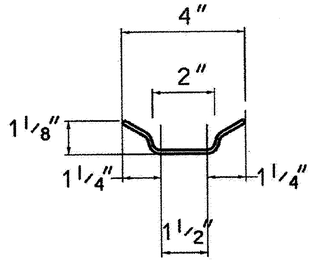
DEPARTMENT OF ENGINEERING

DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

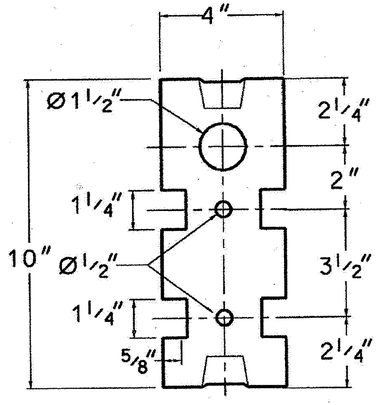
DANVILLE HIGH SCHOOL SHARED USE PATH
LIGHTING PLAN VII

SCALE: NTS | FAIRCHILD STREET

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEET SHEETS	NO.
•	12-00348-00-BT	Vermilion	94	52
	CONTRACT NUMBER 91498			

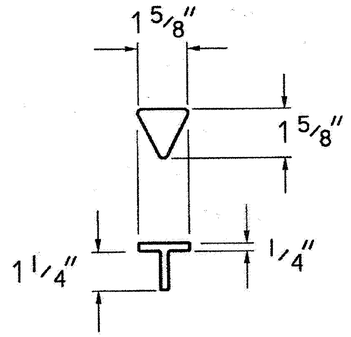


TOP VIEW

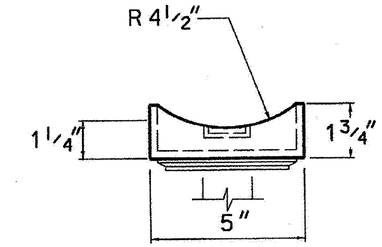


MATERIAL :
GALVANISED STEEL PLATE,
1/8" THICKNESS

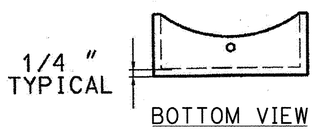
MOUNTING PLATE



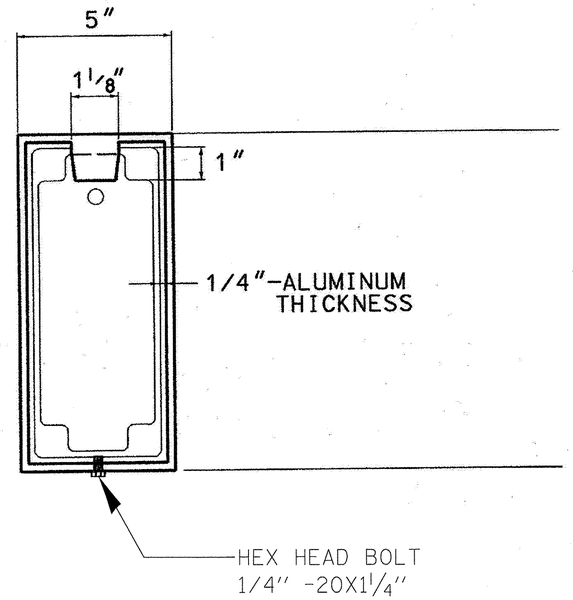
SECTION A-A



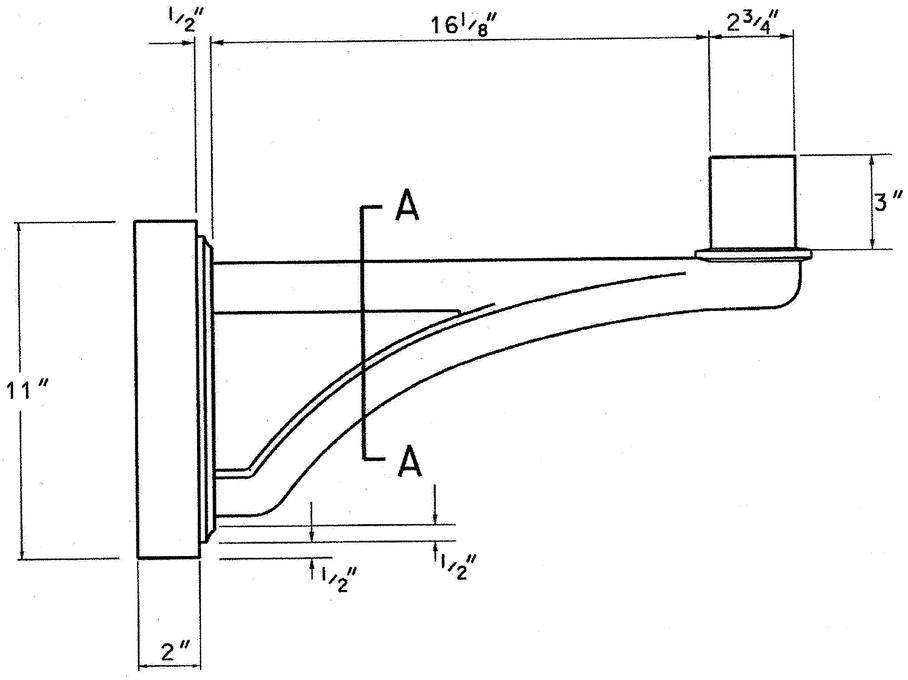
TOP VIEW



BOTTOM VIEW



BACK OF ARM BRACKET



ARM BRACKET

FILE LOCATION=
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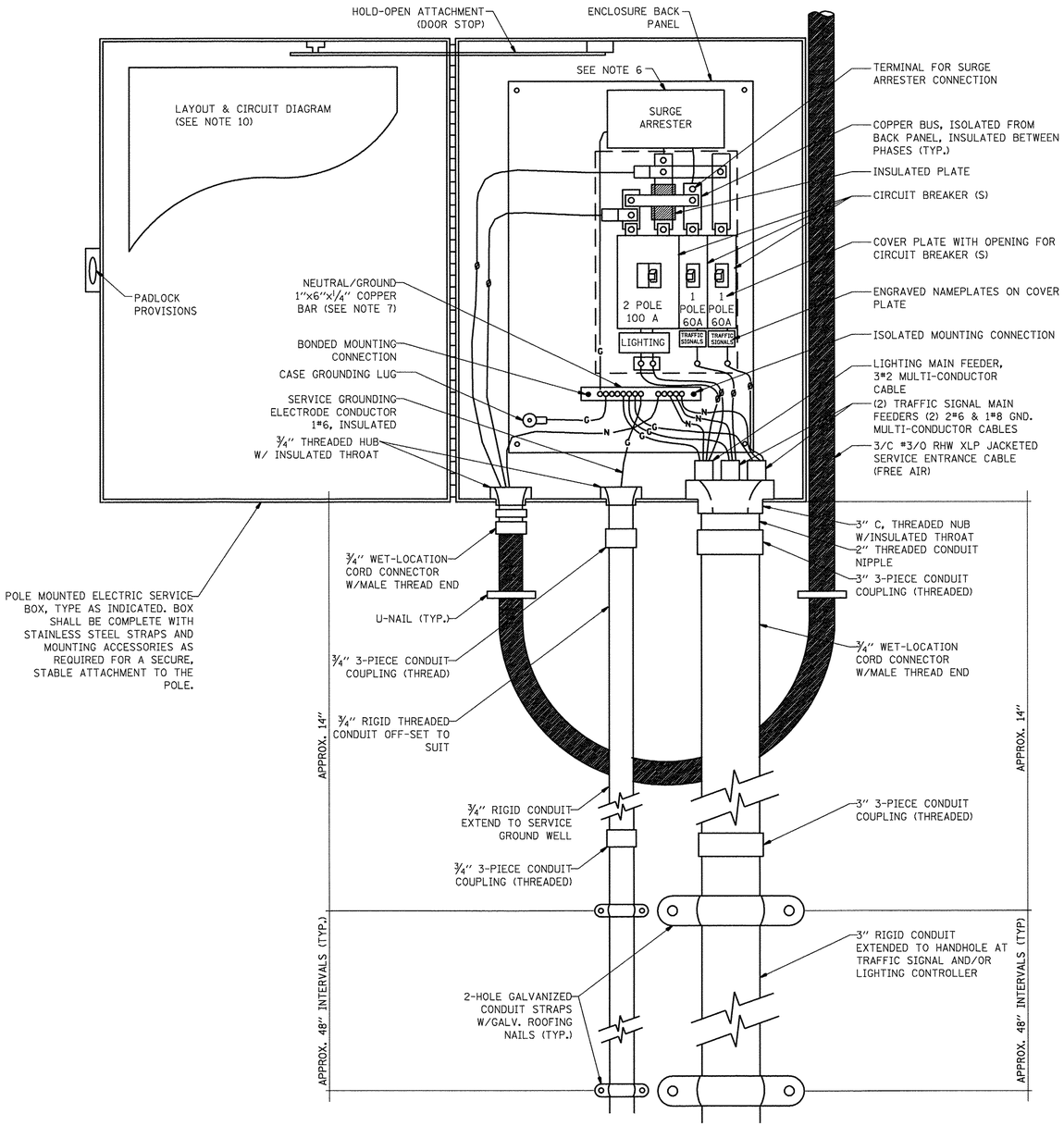
CITY OF DANVILLE, 17 WEST MAIN STREET
DANVILLE, ILLINOIS 61832
TELEPHONE: 217.431.2400

DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

DANVILLE HIGH SCHOOL SHARED USE PATH
LIGHTING PLAN IX

SCALE: NTS | FAIRCHILD STREET

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
•	12-00348-00-BT	Vermilion	94	53
	CONTRACT NUMBER 91498			

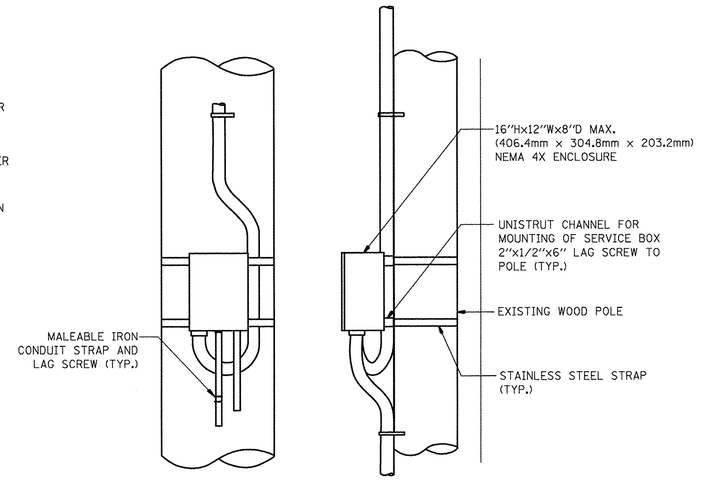


POLE-MOUNTED ELECTRIC SERVICE ENTRANCE

GENERAL LAYOUT DIAGRAM

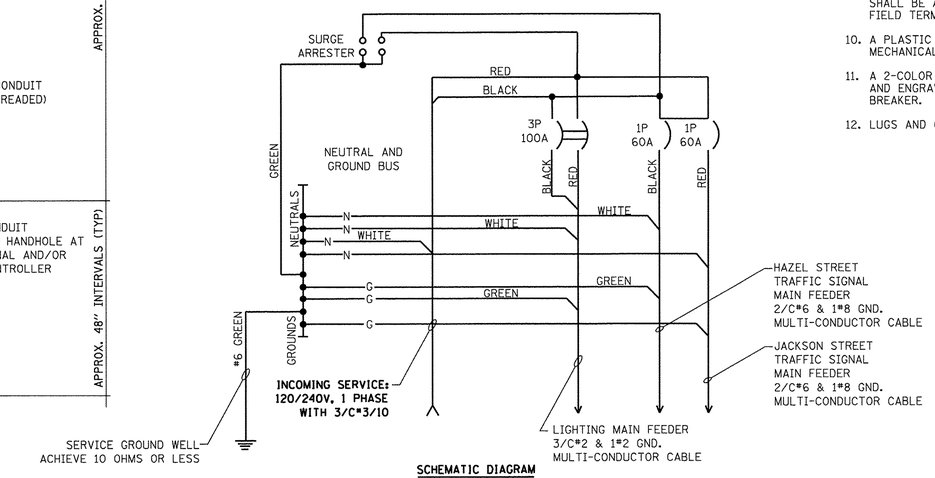
N.T.S.

NOTE:
EXISTING ELECTRIC FEED TO HAZEL STREET SIGNALS MAINTAIN AND RECONNECT TO UPGRADE SERVICE FEED



SERVICE ENTRANCE MOUNTING DETAIL

N.T.S.



SCHEMATIC DIAGRAM

NOTES:

1. ELECTRIC SERVICE SHALL BE OF THE VOLTAGE INDICATED OR DESIGNATED BY THE ENGINEER, AND SERVICE DROP CABLE SHALL BE COMPATIBLE WITH THE SERVICE ACCORDINGLY
2. NOT USED
3. THE ELECTRIC SERVICE EQUIPMENT ASSEMBLY SHALL BE UL LISTED AS SUITABLE FOR USE AS SERVICE ENTRANCE EQUIPMENT
4. THE ELECTRIC SERVICE EQUIPMENT ENCLOSURE SHALL BE NEMA 4X STAINLESS STEEL, NOMINALLY 12"W x 16'H x 8"D, WITH 1 PIANO-HINGED DOOR, STEEL BACK PANEL, FAST-ACTING STAINLESS STEEL ENCLOSURE CLAMPS, PADLOCK PROVISIONS AND DOOR STOP, HOFFMAN CATALOG NO. A16H1208SSGLP/A-16 P12/ADSTOPK/C-PMK12, OR APPROVED EQUAL
5. CIRCUIT BREAKERS SHALL BE THERMAL MAGNETIC BOLT-ON TYPE WITH A MINIMUM INTERRUPTING CAPACITY OF 25,000 SYMMETRICAL AMPERES AT 240 VOLTS. THEY SHALL BE LOCKABLE IN THE "OFF" POSITION FOR COMPLIANCE WITH OSHA LOCK-OUT/TAG-OUT REQUIREMENTS. HANDLES SHALL BE TRIP FREE.
6. THE SURGE PROTECTOR SHALL BE SUITABLE FOR 240/120 VOLT SINGLE PHASE 60 HZ AC ELECTRICAL SERVICE, WITH A SURGE ENERGY CAPABILITY OF 2160 JOULES OR BETTER AT 8/20 MICRO-SECONDS, RATED -40 TO 60 DEGREES C., WITH LED OPERATING INDICATORS, AND SHALL BE UL LISTED PER UL 1449, CUTLER-HAMMER CMOV230L065X5T OR APPROVED EQUAL.
7. BUS BARS, CONNECTORS, AND LUGS SHALL BE COPPER, INSULATED AND ISOLATED, AND CONFIGURED TO PREVENT SHORTED CONDITIONS FROM TIGHTENING TERMINATIONS, ETC. THE OVERALL BUS SECTION SHALL BE CONFIGURED BEHIND AN INSULATING BARRIER SHIELD WHICH IS REMOVABLE FOR ACCESS TO CONNECTIONS, OR THE ASSEMBLY SHALL BE MANUFACTURED SPECIALTY PANELBOARD, CUTLER HAMMER PRL2A OR APPROVED EQUAL.
8. THE COMBINATION GROUND AND NEUTRAL BAR SHALL BE CONFIGURED WITH SEPARATE GROUND AND NEUTRAL SECTIONS AND SPARE TERMINALS AS INDICATED. THE HEADS OF GROUND SCREWS SHALL BE PAINTED GREEN. THE HEADS OF NEUTRAL SCREWS SHALL BE PAINTED WHITE. THE SERVICE NEUTRAL AND SERVICE GROUNDING ELECTRODE CONDUCTOR SHALL BE TERMINATED ADJACENT TO EACH OTHER AT THE DIVIDE BETWEEN THE SECTIONS AND WIRING SHALL BE TERMINATED ONLY UPON HE APPROPRIATE SECTION.
9. THE WIRING TERMINALS, INCLUDING THE GROUND/NEUTRAL BAR SHALL BE ARRANGED TO PROVIDE ADEQUATE ROOM FOR PERFORMING FIELD TERMINATIONS.
10. A PLASTIC LAMINATED LAYOUT AND CIRCUIT DIAGRAM SHALL BE MECHANICALLY SECURED TO THE INTERIOR SIDE OF THE ENCLOSURE.
11. A 2-COLOR ENGRAVED PLASTIC NAMEPLATE, ATTACHED WITH SCREWS, AND ENGRAVED AS INDICATED, SHALL BE PROVIDED FOR EACH MAIN BREAKER.
12. LUGS AND CONNECTORS SHALL BE RATED FOR 75°C CONDUCTOR.

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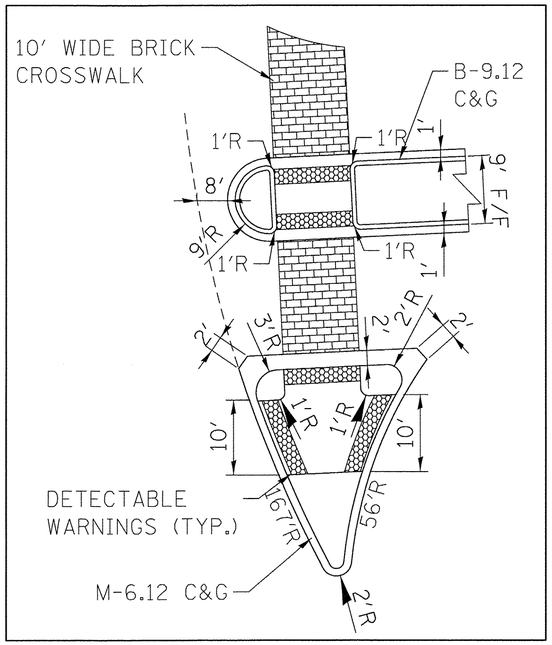
CITY OF DANVILLE, 17 WEST MAIN STREET
DANVILLE, ILLINOIS 61832
TELEPHONE: 217.431.2400

DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

DANVILLE HIGH SCHOOL SHARED USE PATH
COMBINATION LIGHTING & TRAFFIC POLE

SCALE: NTS | MOUNTED ELECTRIC SERVICE DETAIL

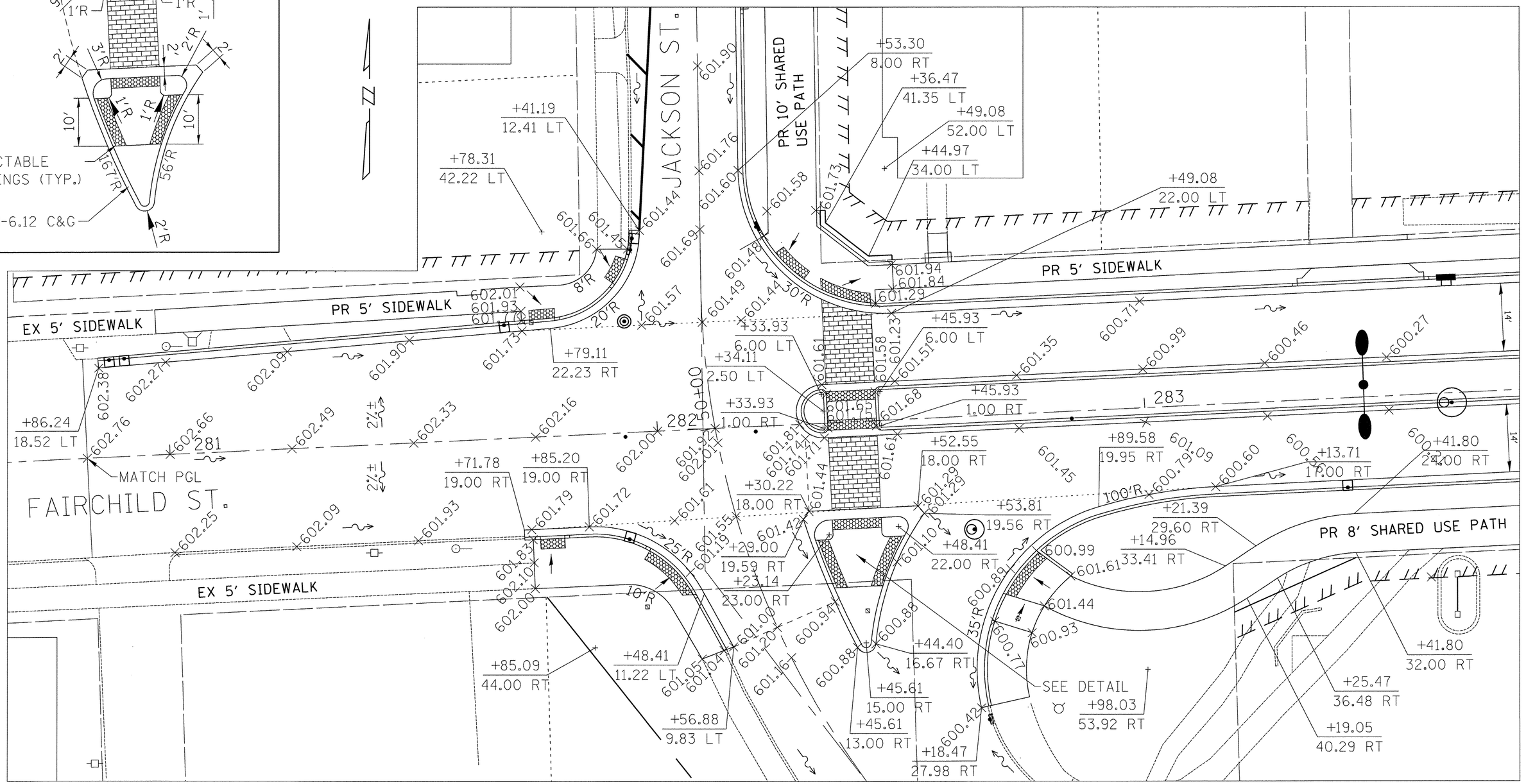
RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
•	12-00348-00-BT	Vermilion	94	54
CONTRACT NUMBER 91498				



CONCRETE MEDIAN (SPECIAL) PEDESTRIAN REFUGE ISLAND & MEDIAN DETAIL

1. MAINTAIN MAXIMUM OF 2% CROSS SLOPE WITHIN CROSSWALK AREA.
2. SIDEWALK AREAS WITHIN ALL RAMPED AREAS REPRESENT ADA RAMPS TO BE CONSTRUCTED IN ACCORDANCE WITH THE HIGHWAY STANDARDS. THESE AREAS SHALL BE PAID AS ADA RAMP (SPECIAL). DETECTABLE WARNINGS SHALL BE PAID SEPARATELY.

JACKSON STREET/FAIRCHILD STREET



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CITY OF DANVILLE, 17 WEST MAIN STREET
DANVILLE, ILLINOIS 61832
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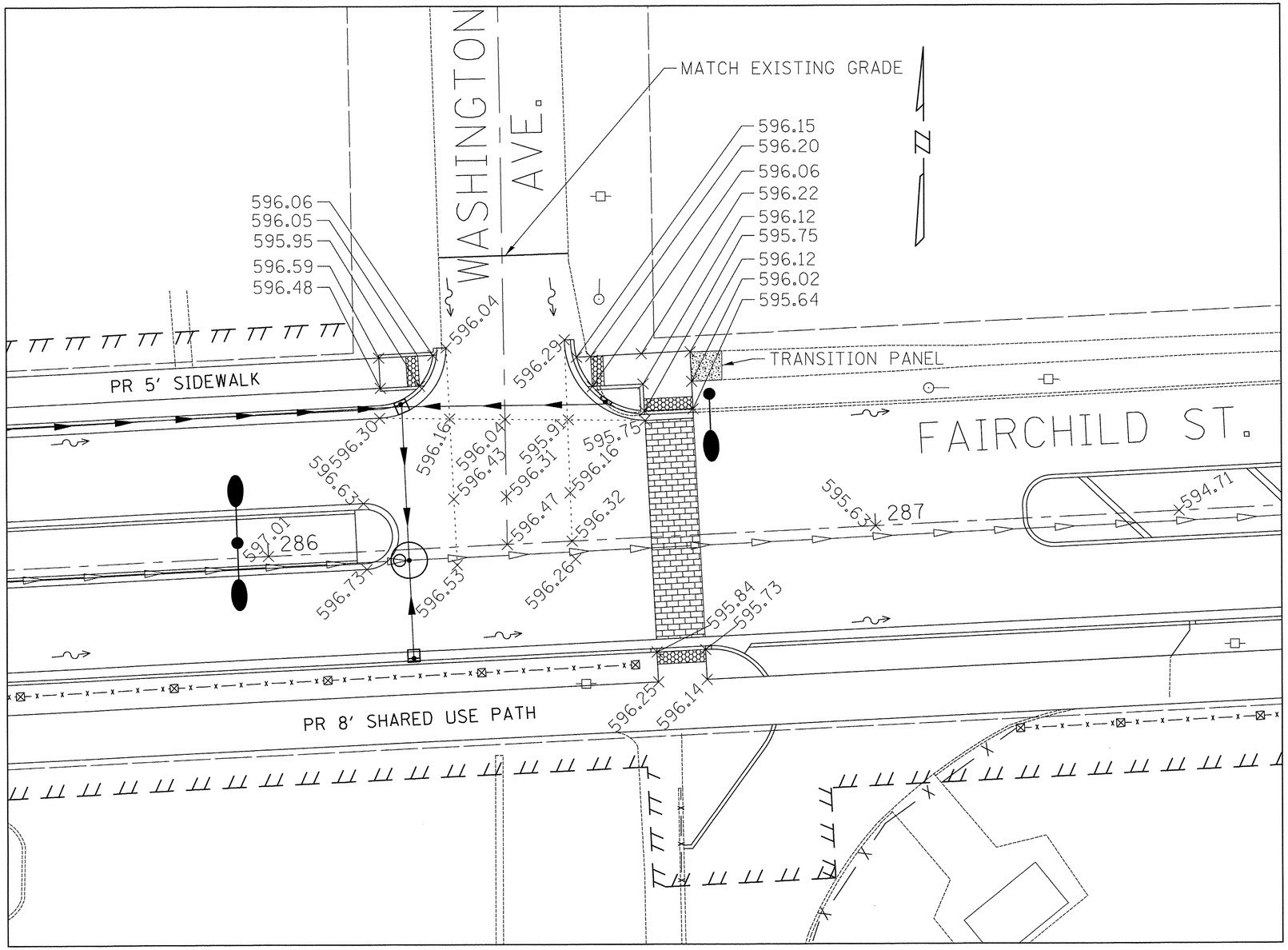
DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

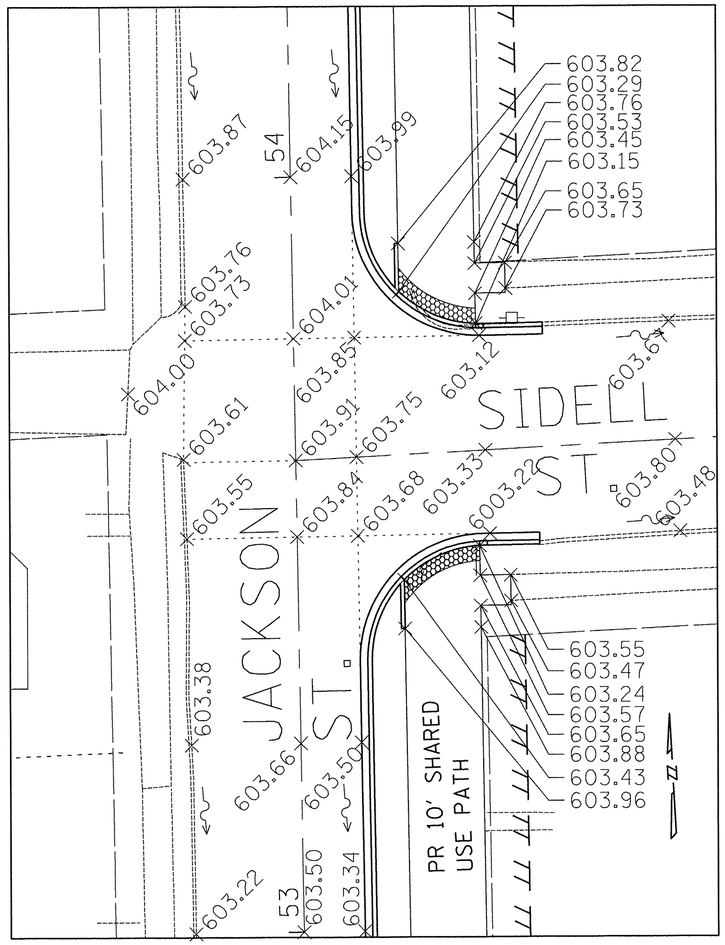
DANVILLE HIGH SCHOOL SHARED USE PATH
INTERSECTION DETAILS I

SCALE: 1"=10'

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
•	12-00348-00-BT	Vermillion	94	55
	CONTRACT NUMBER 91498			



WASHINGTON STREET/FAIRCHILD STREET



SIDELL STREET/JACKSON STREET

1. MAINTAIN MAXIMUM OF 2% CROSS SLOPE WITHIN CROSSWALK AREA.

2. SIDEWALK AREAS WITH ADA RAMPS TO BE CONSTRUCTED IN ACCORDANCE WITH THE HIGHWAY STANDARDS. THESE AREAS SHALL BE PAID AS ADA RAMP (SPECIAL). DETECTABLE WARNINGS SHALL BE PAID SEPARATELY.

FILE LOCATION = X:\Projects\City\Current\12-00348-00-BT DHS SHARED PATH\CIVIL\CONSTRUCTION\DETAILS.DGN

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CHECKED - RDS	REVISED -	
DATE - 8/31/2016	REVISED -	

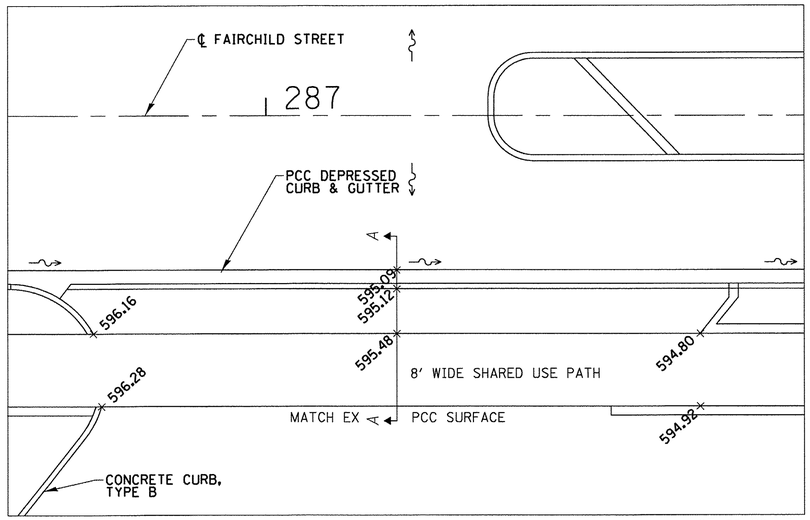
CITY OF DANVILLE, 17 WEST MAIN STREET
DANVILLE, ILLINOIS 61832
TELEPHONE: 217.431.2400

DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

DANVILLE HIGH SCHOOL SHARED USE PATH
INTERSECTION DETAILS II

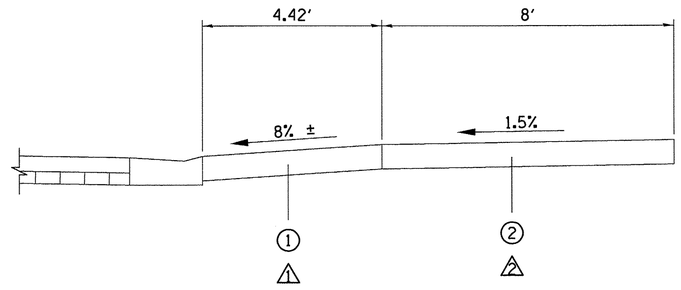
SCALE: 1"=10'

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
*	12-00348-00-BT	Vermilion	94	56
CONTRACT NUMBER 91498				



NOT TO SCALE

C.E. DRIVEWAY STA. 287+14.32 RT
SHARED USE PATH STA. 504+79.66



SECTION A-A

LEGEND

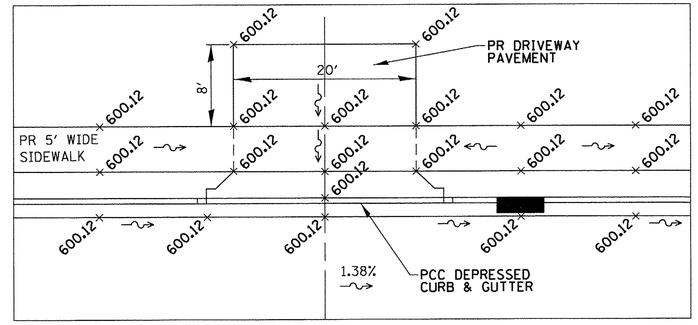
① 8" PCC DRIVEWAY

② 8" PCC SIDEWALK

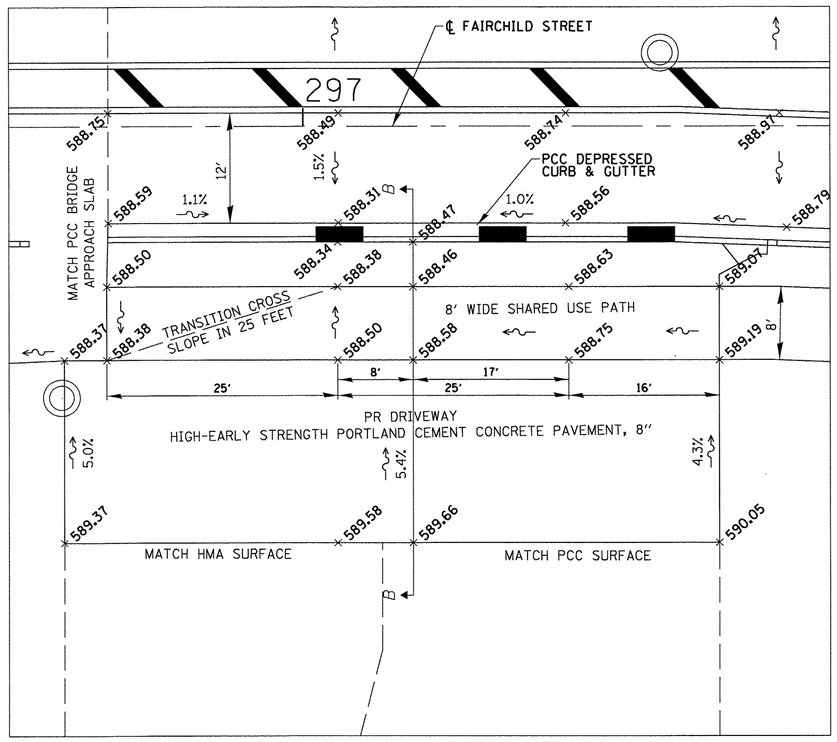
NOTES

1. SEE GENERAL DRIVEWAY DETAIL FOR SAW CUTTING AND DOWELLING REQUIREMENTS

2. SAW CUTS SHALL BE MADE AT CENTERS EQUAL TO SIDEWALK WIDTH. TOOLED JOINTS WILL NOT BE ALLOWED.

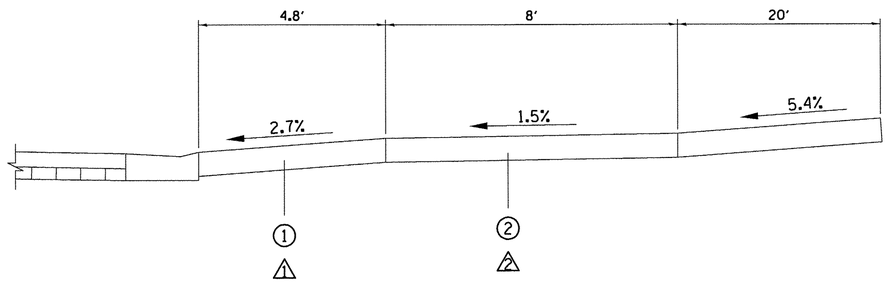


C.E. DRIVEWAY STA. 283+45.46 LT

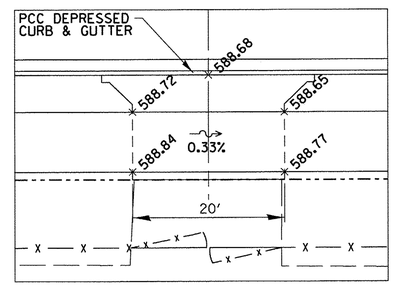


NOT TO SCALE

C.E. DRIVEWAY STA. 297+11.89 RT
SHARED USE PATH STA. 514+80.11



SECTION B-B



C.E. DRIVEWAY STA. 291+77.13 RT
SUP STA. 509+42.46

FAIRCHILD STREET

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DANVILLE, ILLINOIS 61832
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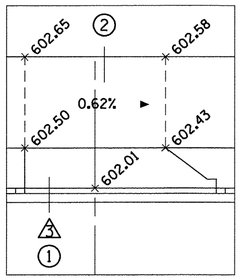
DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

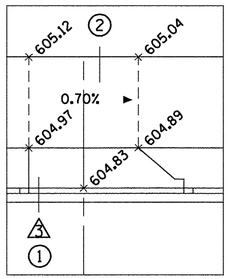
DANVILLE HIGH SCHOOL SHARED USE PATH
ENTRANCE DETAILS I

SCALE: NTS

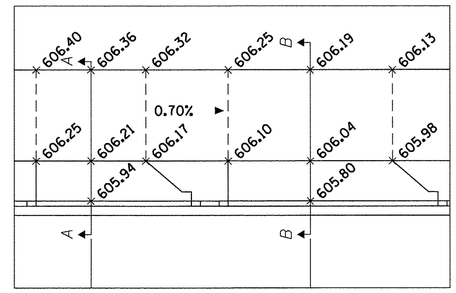
RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEET SHEETS	NO.
•	12-00348-00-BT	Vermilion	94	57
	CONTRACT NUMBER 91498			



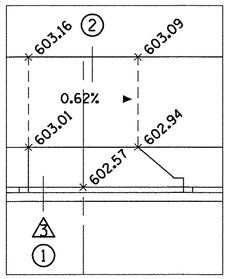
P.E. DRIVEWAY STA. 50+99.82 RT
SUP STA. 701+30.83



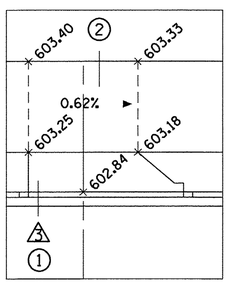
P.E. DRIVEWAY STA. 55+16.08 RT
SUP STA. 705+47.08



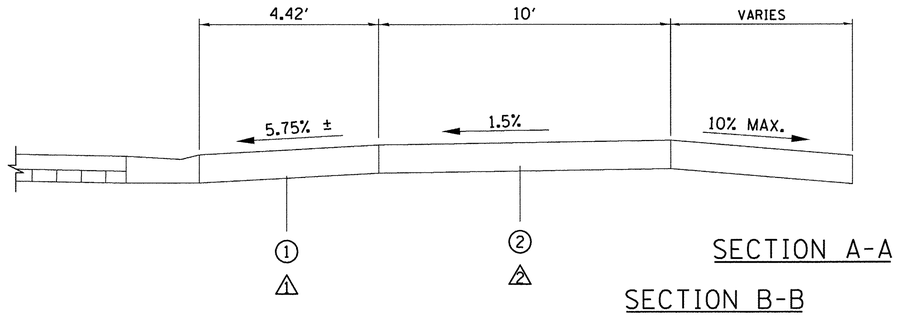
P.E. DRIVEWAY STA. 56+73.38 RT & STA
SUP STA. 707+04.38 & STA. 707+28.43



P.E. DRIVEWAY STA. 51+81.38 RT
SUP STA. 702+12.38



P.E. DRIVEWAY STA. 52+21.08 RT
SUP STA. 702+52.08



SECTION A-A

SECTION B-B

LEGEND

① 8" PCC DRIVEWAY

② 8" PCC SIDEWALK

NOTES

1. SEE GENERAL DRIVEWAY DETAIL FOR SAW CUTTING AND DOWELLING REQUIREMENTS
2. SAW CUTS SHALL BE MADE AT CENTERS EQUAL TO SIDEWALK WIDTH. TOOLED JOINTS WILL NOT BE ALLOWED.
3. SEE GENERAL DRIVEWAY DETAIL FOR CONFIGURATION AND MAXIMUM SLOPE REQUIREMENTS.

JACKSON STREET

FILE LOCATION=
X:\Projects\City\Current\12-00348-00-BT DHS SHARED PATH\CIVIL\CONSTRUCTION\DETAILS.DGN

DESIGNED	- ENC	REVISED	-
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CHECKED	- RDS	REVISED	-
DATE	- 8/31/2016	REVISED	-

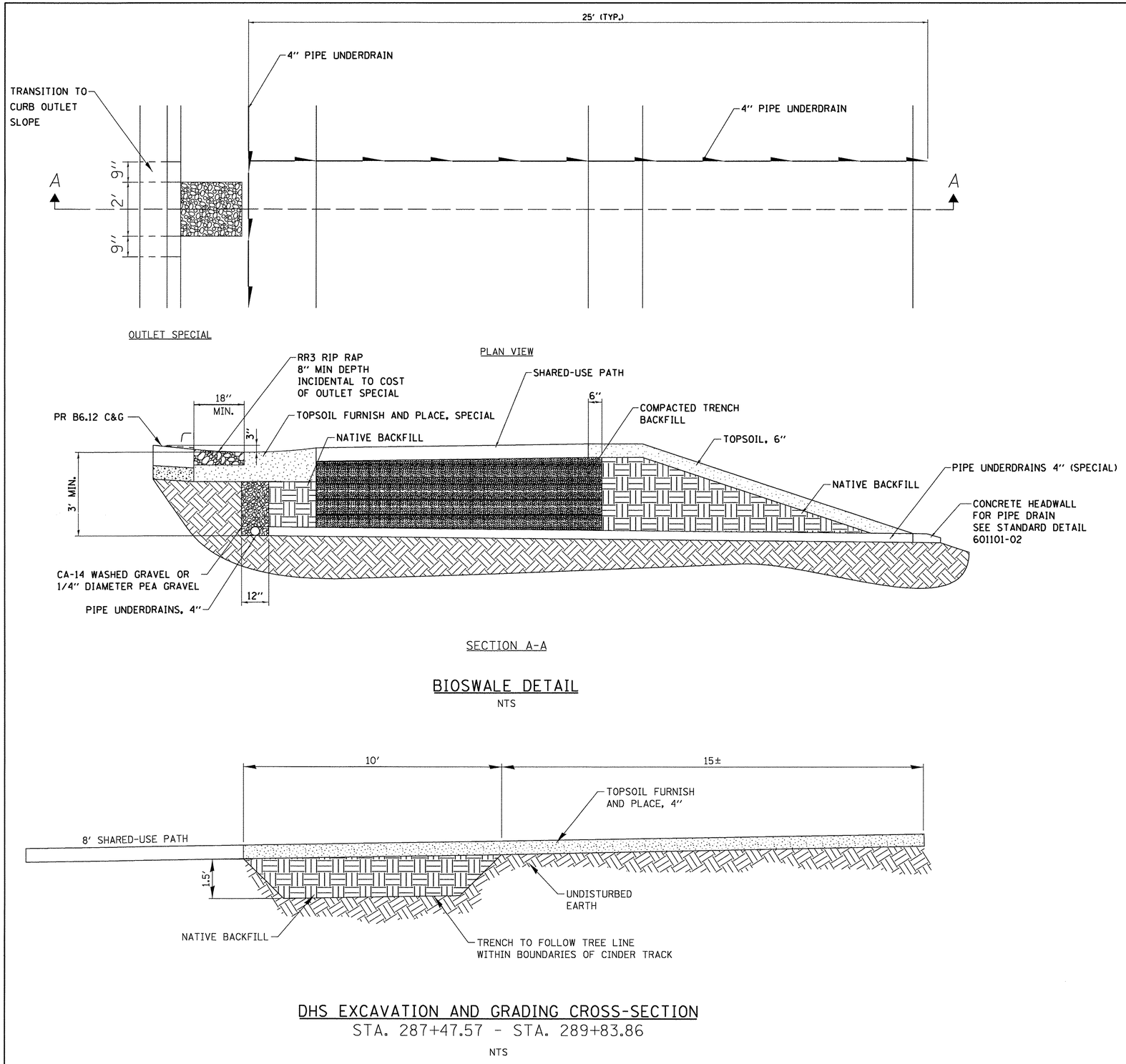
CITY OF DANVILLE, 17 WEST MAIN STREET
DANVILLE, ILLINOIS 61832
TELEPHONE: 217.431.2400

DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

DANVILLE HIGH SCHOOL SHARED USE PATH ENTRANCE DETAILS II

SCALE: NTS

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
•	12-00348-00-BT	Vermilion	94	58
	CONTRACT NUMBER 91498			



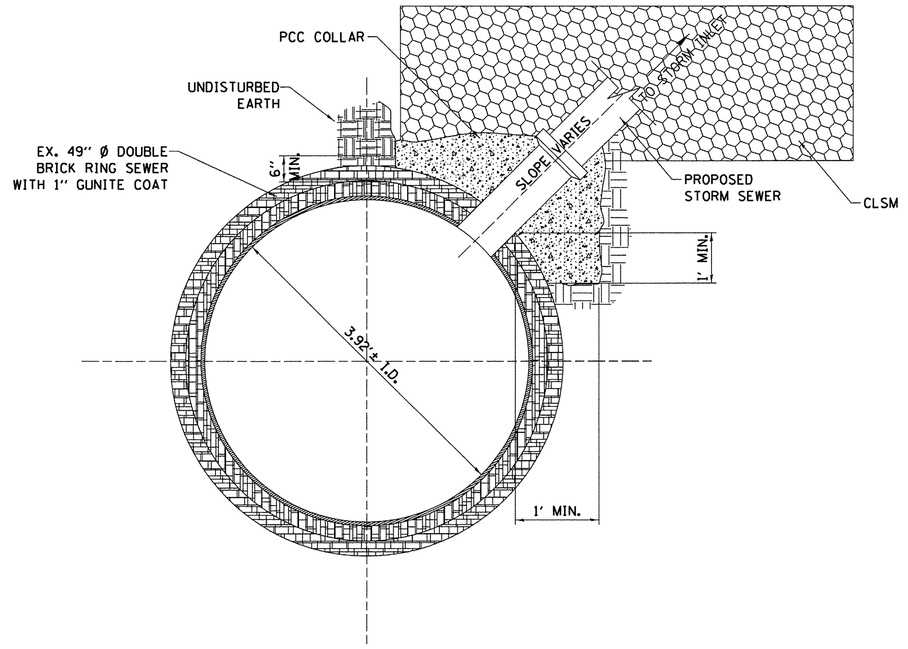
BIOSWALE DETAIL

NTS

DHS EXCAVATION AND GRADING CROSS-SECTION

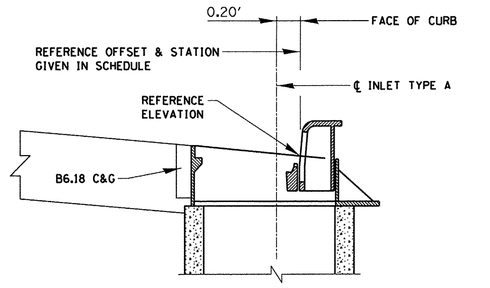
STA. 287+47.57 - STA. 289+83.86

NTS



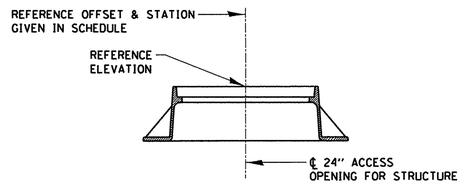
REINFORCED CONCRETE PIPE TEE, SPECIAL DETAIL

NTS



INLET WITH FRAME & GRATE TYPE 3

NTS



TYPE 1 FRAME & LID

NTS

FILE LOCATION=
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CHECKED - ENC		REVISED -
DATE - 8/31/2016		REVISED -

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TELEPHONE 217.431.2400

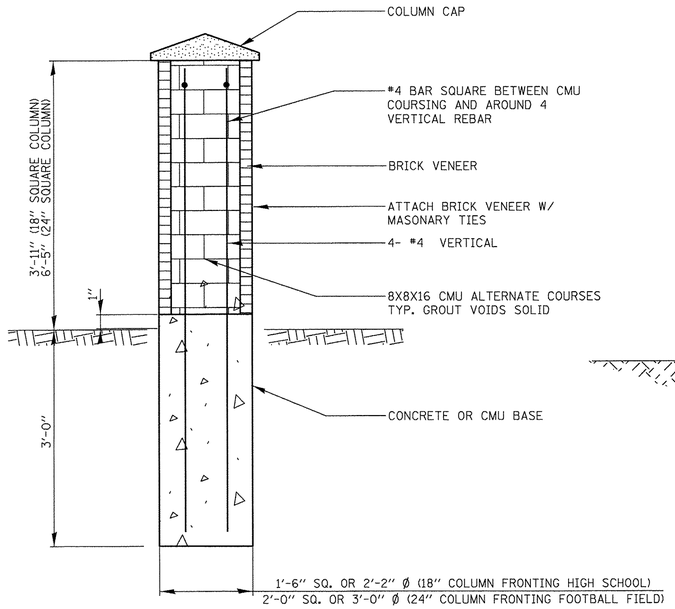
DEPARTMENT OF ENGINEERING

DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

DANVILLE HIGH SCHOOL SHARED USE PATH
MISCELLANEOUS DETAILS I

SCALE: NTS

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
•	12-00348-00-BT	Vermillion	94	59
	CONTRACT NUMBER 91498			

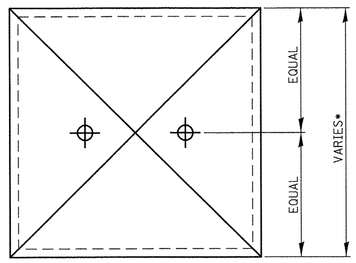


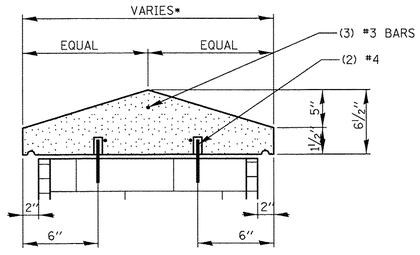
ELEVATION

MASONARY COLUMN, SMALL

MASONARY COLUMN, LARGE

(N.T.S.)

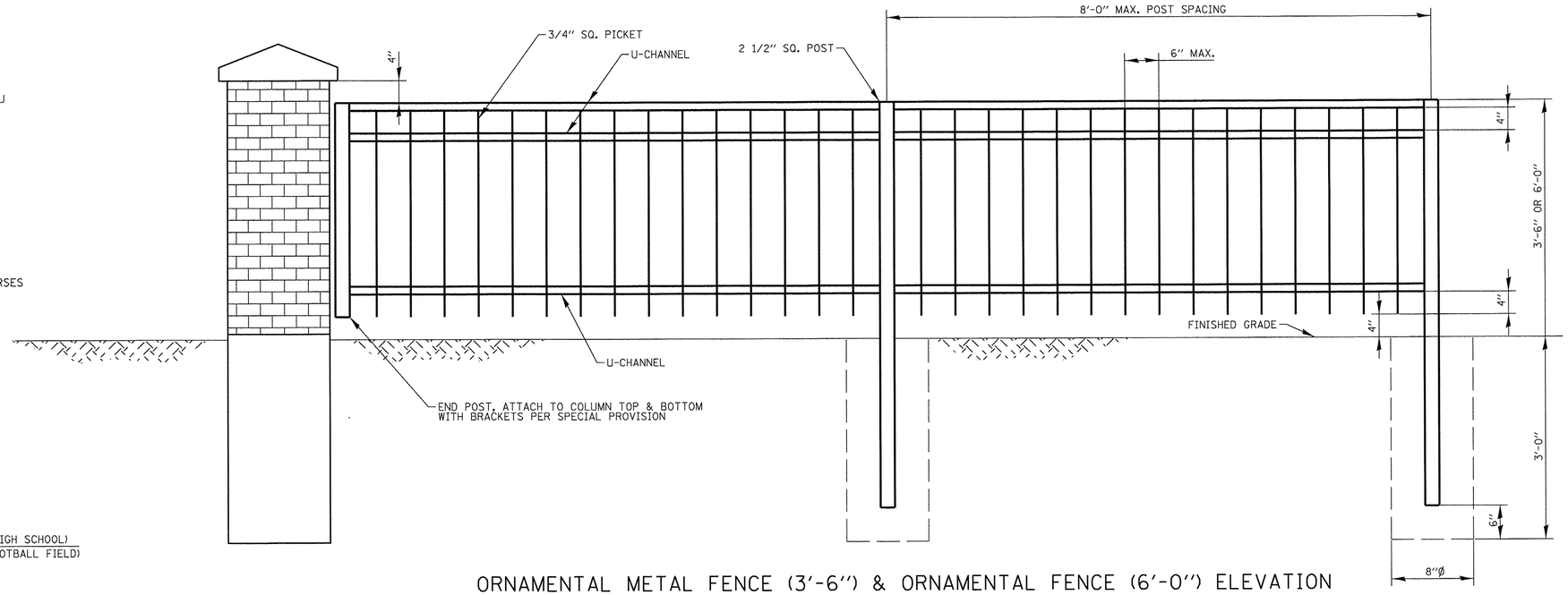




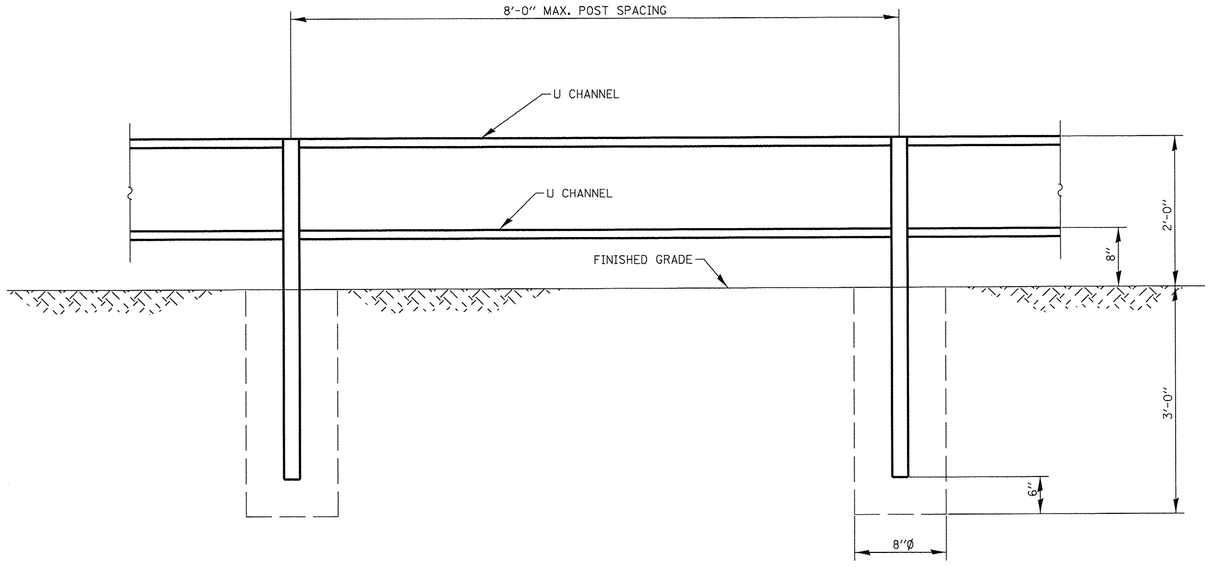
COLUMN CAP DETAIL

(N.T.S.)

*NOTE: CAP SHALL BE PRECAST CONCRETE OR STONE
22" SQUARE COLUMN CAP IN FRONT OF HIGH SCHOOL
28" SQUARE COLUMN CAP IN FRONT OF TRACK & FIELD



ORNAMENTAL METAL FENCE (3'-6") & ORNAMENTAL FENCE (6'-0") ELEVATION



FENCE (SPECIAL) ELEVATION

FILE LOCATION = X:\Projects\City\Current\12-00348-00-BT DHS SHARED PATH\CIVIL\CONSTRUCTION\DETAILS.DGN

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DATE - 8/31/2016		REVISED -

CITY OF DANVILLE, 17 WEST MAIN STREET
DANVILLE, ILLINOIS 61832
TELEPHONE: 217.431.2400

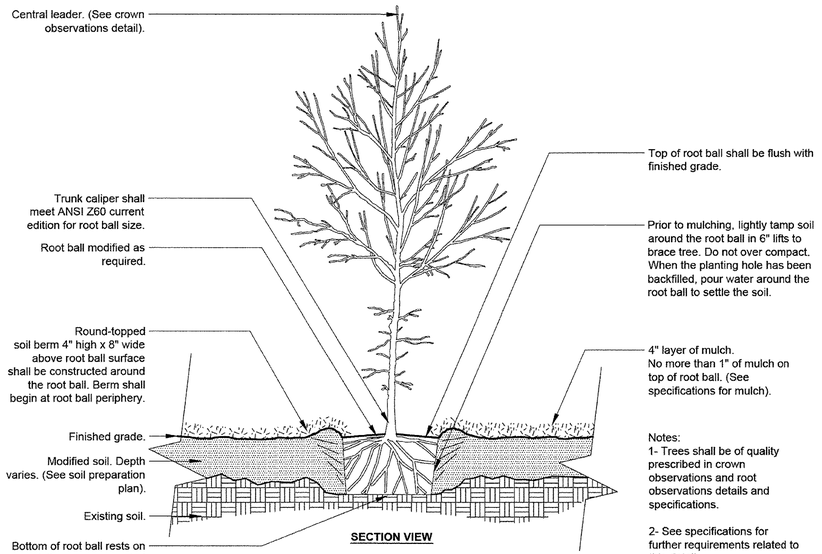
DEPARTMENT OF ENGINEERING

DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

DANVILLE HIGH SCHOOL SHARED USE PATH
MISCELLANEOUS DETAILS II

SCALE: NTS

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEET SHEETS	NO.
•	12-00348-00-BT	Vermilion	94	60
CONTRACT NUMBER 91498				

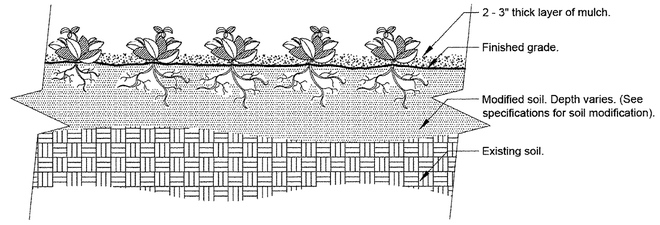


SECTION VIEW

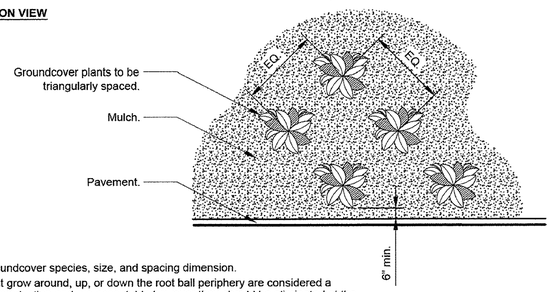
Notes:
1- Trees shall be of quality prescribed in crown observations and root observations details and specifications.

2- See specifications for further requirements related to this detail.

P-X TREE w/ BERM (EXISTING SOIL MODIFIED)



SECTION VIEW



PLAN

Notes:
1- See planting legend for groundcover species, size, and spacing dimension.
2- Small roots (¼" or less) that grow around, up, or down the root ball periphery are considered a normal condition in container production and are acceptable however they should be eliminated at the time of planting. Roots on the periperhy can be removed at the time of planting. (See root ball shaving container detail).
3- Settle soil around root ball of each groundcover prior to mulching.

P-X GROUNDCOVER

FILE LOCATION=
X:\Projects\City\Current\12-00348-00-BT DHS SHARED PATH\CIVIL\CONSTRUCTION\DETAILS.DGN

DESIGNED - ENC	REVISED -	
DRAWN - COD	REVISED -	
CHECKED - RDS	REVISED -	
DATE - 8/31/2016	REVISED -	

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TELEPHONE: 217.431.2400

DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

DANVILLE HIGH SCHOOL SHARED USE PATH
MISCELLANEOUS DETAILS III

SCALE: NTS

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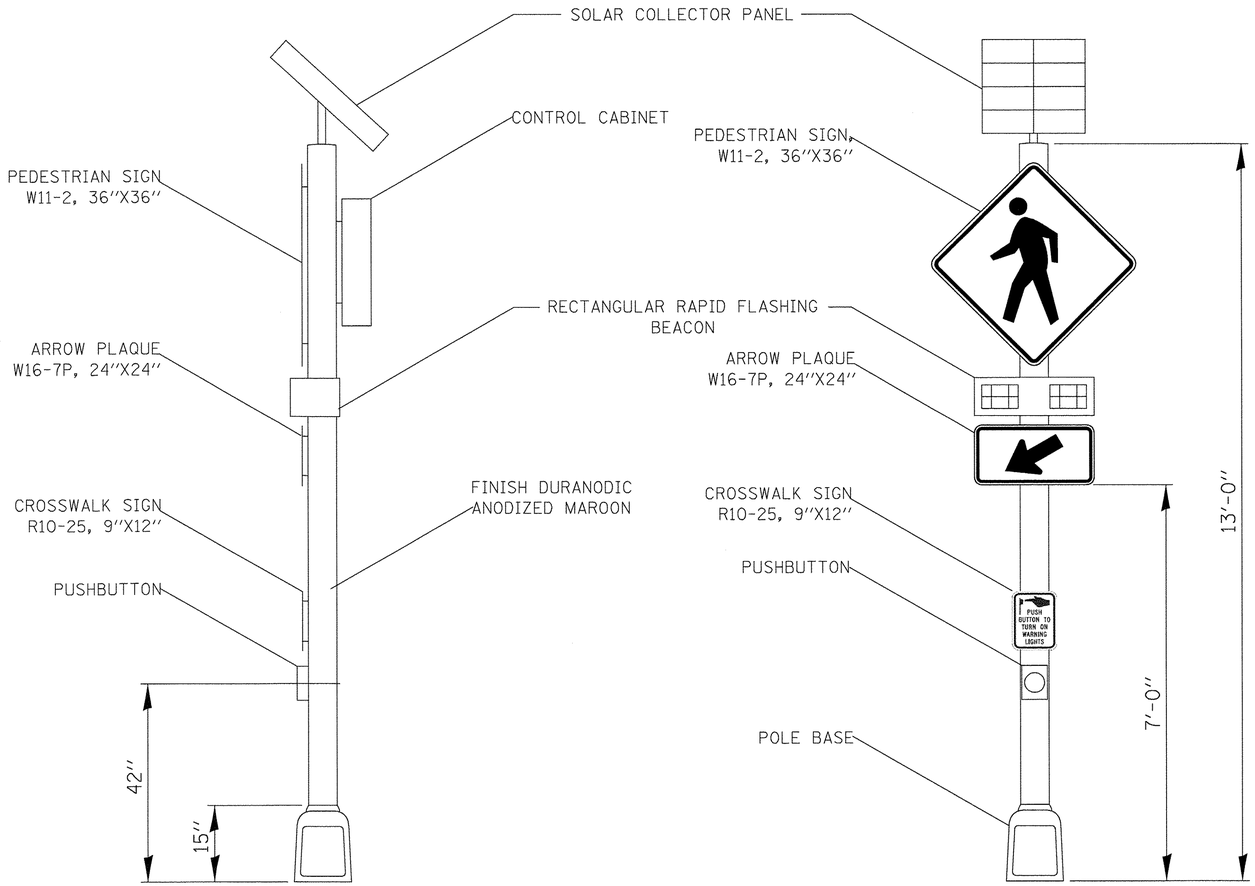
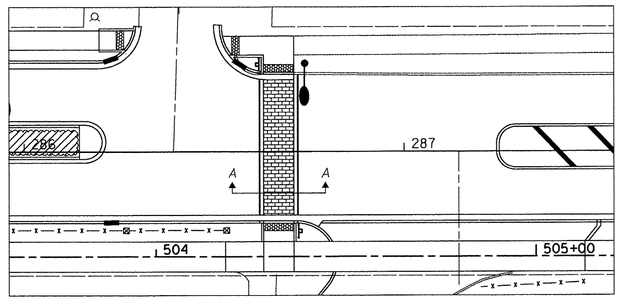
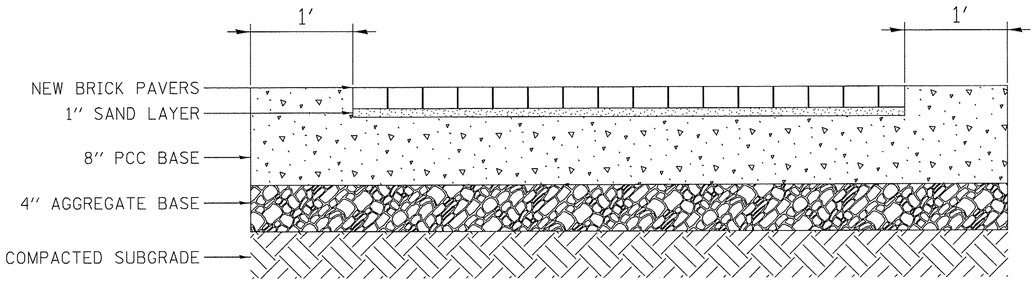
•	12-00348-00-BT	Vermilion	94	61
	CONTRACT NUMBER 91498			



PEDESTRIAN CROSSWALK WARNING SYSTEM DETAIL



TYPICAL BRICK PAVER CROSSWALK PLAN VIEW



SECTION A-A

FILE LOCATION=
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CHECKED - RDS	REVISED -	
DATE - 8/31/2016	REVISED -	

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DANVILLE, ILLINOIS 61832
TELEPHONE: 217.431.2400

DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

DANVILLE HIGH SCHOOL SHARED USE PATH
MISCELLANEOUS DETAILS IV

SCALE: NTS

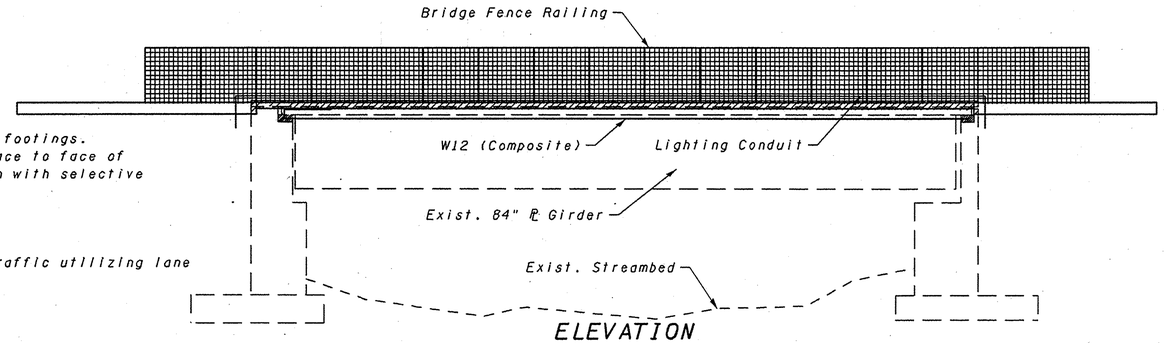
RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
*	12-00348-00-BT	Vermilion	94	62
	CONTRACT NUMBER 91498			

EXISTING STRUCTURE

SN 092-7210 built in 1905 and modified in 1984 is a single span struture. 79'-8" back to back abutments. Existing superstructure consists of reinforced concrete deck supported by built up plate girders. The superstructure is supported by concrete closed abutments on unknown footings. The out to out width measures 57'-0" with a 44'-0" face to face of curb measurment. The existing structure is to remain with selective demolition as noted.

Salvage: Full unless otherwise noted.

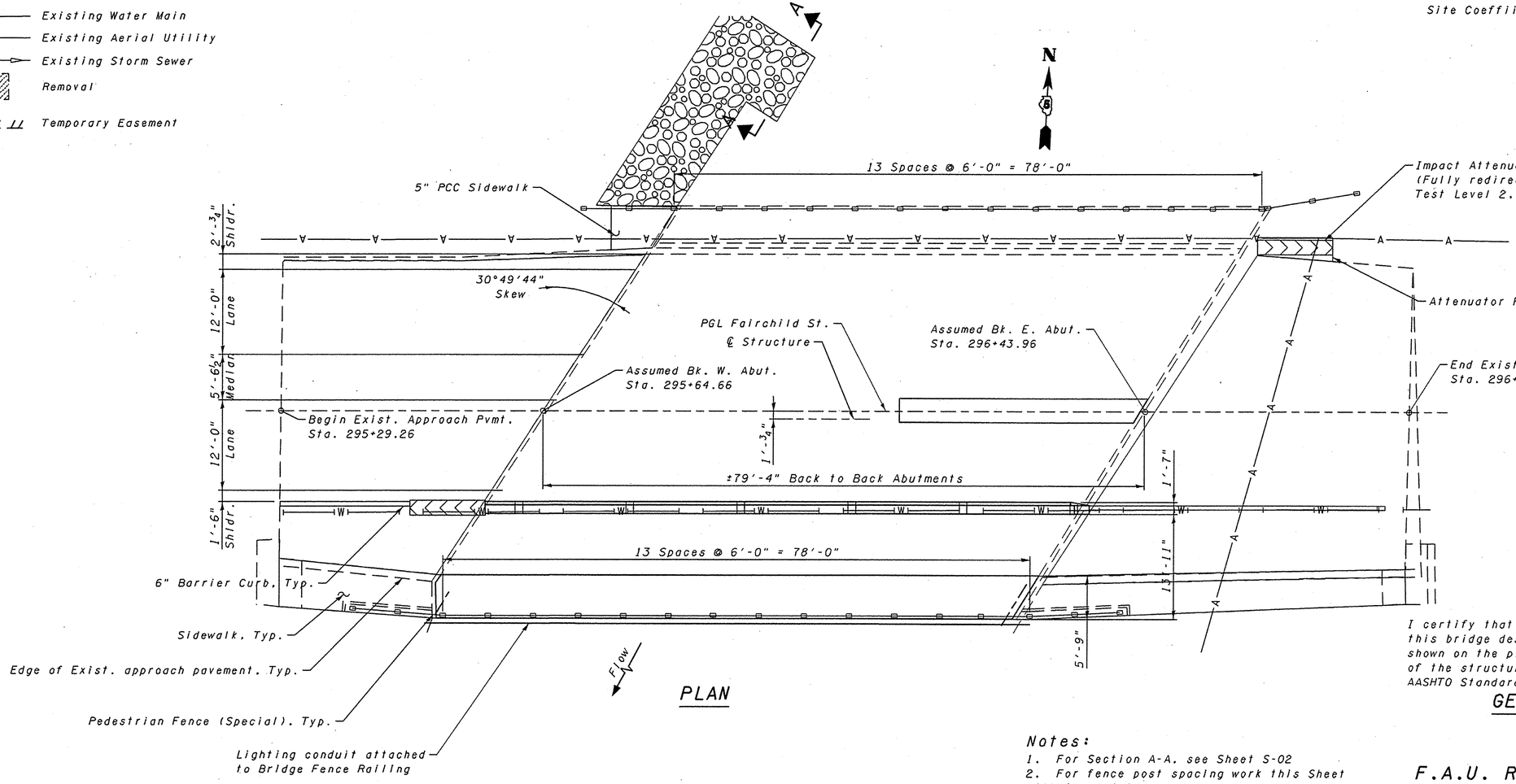
Traffic control: The roadway will be kept open to traffic utilizing lane closures during construction.



ELEVATION

LEGEND

- Existing Water Main
- Existing Aerial Utility
- Existing Storm Sewer
- Removal
- Temporary Easement



PLAN

LOADING HS 20-44

Allow 25#/sq. ft. for future wearing surface.

DESIGN SPECIFICATIONS

AASHTO Standard Specifications for Highway Bridges, 17th Edition

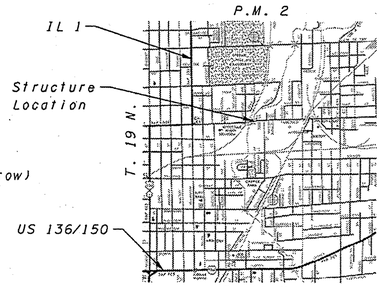
DESIGN STRESSES

Concrete, f'c = 4.000 psi
Reinforcement, fy = 60.000 psi
Structural Steel, fy = 50.000 psi (M 270 Grade 50W)

Existing Reinforcement, fy = 40,000 psi
Existing Structural Steel, fy = 42.000 psi & 50.000 psi

SEISMIC DATA

Seismic Performance Category (SPC) = A
Site Coefficient (S) = 1.0



LOCATION SKETCH

STATE OF ILLINOIS
ROBERT D. SCHNELLE
LICENSED STRUCTURAL ENGINEER
081-005708

8/31/2016
License Expires November 30, 2016

I certify that to the best of my knowledge, information and belief, this bridge design is structurally adequate for the design loading shown on the plans. The design is an economical one for the style of the structure and complies with the requirements of the current AASHTO Standard Specifications for Highway Bridges.

Notes:
1. For Section A-A, see Sheet S-02
2. For fence post spacing work this Sheet with Sheet S-04.

GENERAL PLAN AND ELEVATION
FAIRCHILD AVENUE OVER STONEY CREEK
F.A.U. RTE. 7002 - SEC. 12-00348-00-BT
VERMILION COUNTY
STATION 296+07.43
STRUCTURE NO. 092-7210

FILE LOCATION= X:\Projects\City\Current\12-00348-00-BT DHS SHARED PATH\STRUC\PLTGPE.DGN

DESIGNED - BDS		REVISED -
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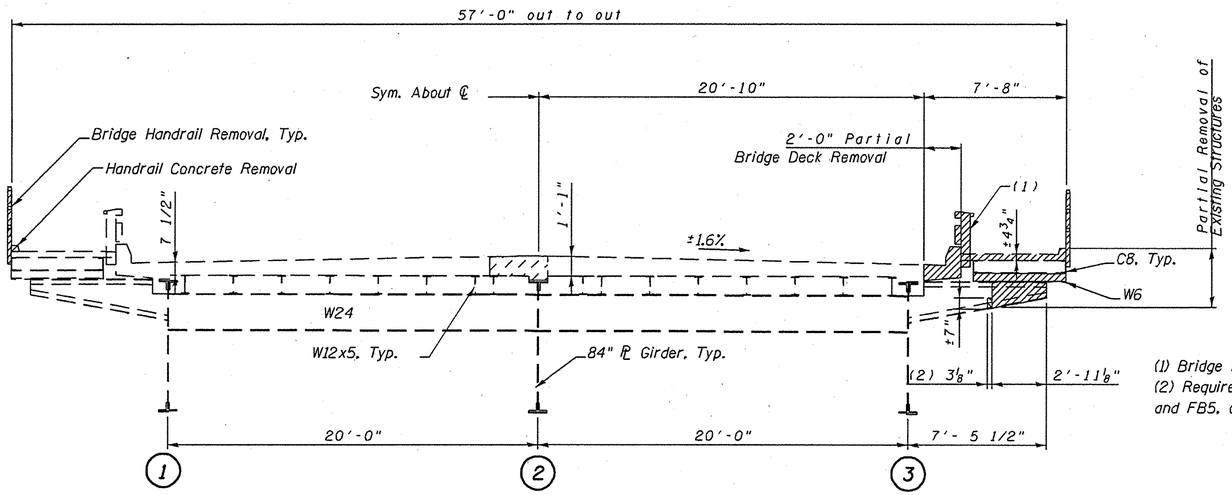
CHECKED - BDS		REVISED -
DATE - 8/31/2016		REVISED -

CITY OF DANVILLE, 17 WEST MAIN STREET, DANVILLE, ILLINOIS 61832, TELEPHONE: 217.431.2400

DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

DANVILLE HIGH SCHOOL SHARED USE PATH
GENERAL PLAN & ELEVATION
SCALE: 1/8" = 1'-0"

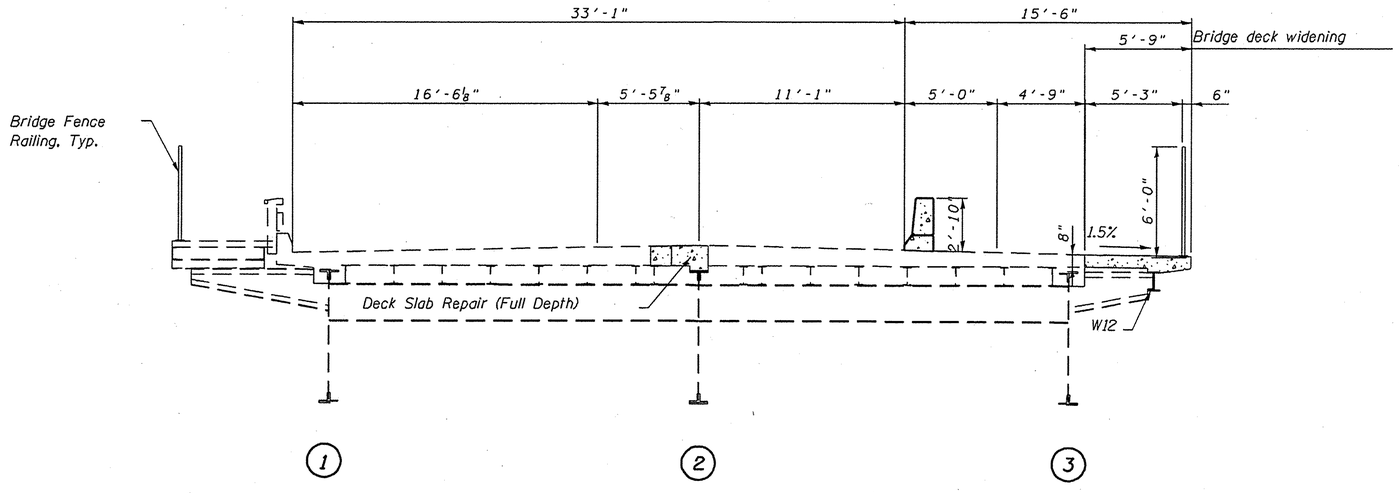
RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
•	12-00348-00-BT	VERMILION	94	63
•FAIRCHILD / JACKSON		SHT. S-01	OF S-10	
CONTRACT NO. 91498		STRUCTURE NO. 092-7210		



(1) Bridge Rail Removal
(2) Required removal at FB1, FB3, FB4, and FB5, optional removal at FB2.

EXISTING CROSS SECTION

(Looking East)



PROPOSED CROSS SECTION

(Looking East)

GENERAL NOTES

Fasteners shall be ASTM A325 Type 1, mechanically galvanized bolts (in painted areas and ASTM A325 Type 3 in unpainted areas). Bolts $\frac{3}{4}$in. ϕ, holes $\frac{13}{16}$ in. ϕ, unless otherwise noted.

Calculated weight of Structural Steel = 2,840 pounds

All structural steel shall be AASHTO M 270 Grade 50W (except expansion joints which shall be AASHTO M 270 Grade 36).

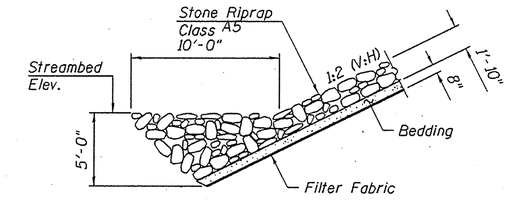
No field welding is permitted except as specified in the contract documents.

Reinforcement bars designated (E) shall be epoxy coated.

If the Contractor elects to use cantilever forming brackets on the exterior beams or girders, the brackets shall be placed at the same locations as required for the hardwood blocks in Article 503.06(b) of the Standard Specifications. If additional cantilever forming brackets are required, hardwood blocking shall be wedged between the exterior and first interior beam at each of these additional bracket locations.

Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

Bearing seat surfaces shall be constructed or adjusted to the designated elevations within a tolerance of $\frac{1}{8}$ inch (0.01 ft.). Adjustment shall be made either by grinding the surface or by shimming the bearings.



SECTION A-A

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Stone Dumped Riprap, Class A5	Sq. Yd.	-	317	317
Filter Fabric	Sq. Yd.	-	317	317
Approach Slab Removal, Special	Sq. Yd.	-	7.7	7.7
Concrete Removal	Cu. Yd.	-	1.4	1.4
Bridge Rail Removal	Foot	81	-	81
Bridge Handrail Removal	Foot	190	-	190
Handrail Concrete Removal	Cu. Yd.	0.4	-	0.4
Concrete Structure	Cu. Yd.	-	16.3	16.3
Concrete Superstructure	Cu. Yd.	22.4	-	22.4
Protective Coat	Sq. Yd.	35	-	35
Furnishing And Erecting Structural Steel	L. Sum	1	-	1
Stud Shear Connectors	Each	204	-	204
Structural Steel Repair	L. Sum	1	-	1
Reinforcement Bars, Epoxy Coated	Pound	4020	700	4720
Erecting Bridge Fence Railing (Sidewalk)	Foot	152	48	200
Anchor Bolts, 1"	Each	-	4	4
Temporary Concrete Barrier	Foot	79	70	149
Conduit Attached To Structure, 3" Dia., Galvanized Steel	Foot	80		80
Foam, Expanding Polyurethane, High Density	Pound	-	3000	3000
Deck Slab Repair (Full Depth)	Sq. Yd.	11.6	-	11.6
Impact Attenuators (Fully Redirective, Narrow), Test Level 2	EACH	2	-	2
Partial Removal Of Existing Structures	L. Sum	1	-	1

FILE LOCATION=
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DRAWN	-	---
CHECKED	-	---
DATE	-	8/31/2016

REVISED	-
REVISED	-
REVISED	-
REVISED	-

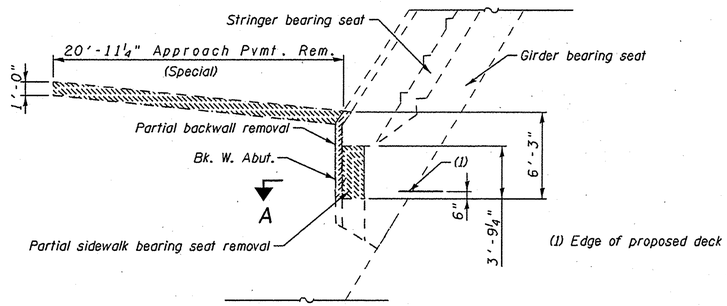
CITY OF DANVILLE, 17 WEST MAIN STREET
DANVILLE, ILLINOIS 61832
TELEPHONE: 217.431.2400

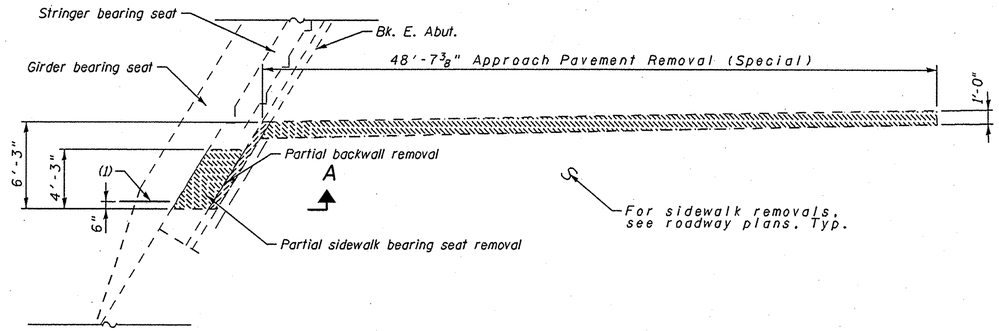
DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

DANVILLE HIGH SCHOOL SHARED USE PATH
GENERAL DATA & DETAILS

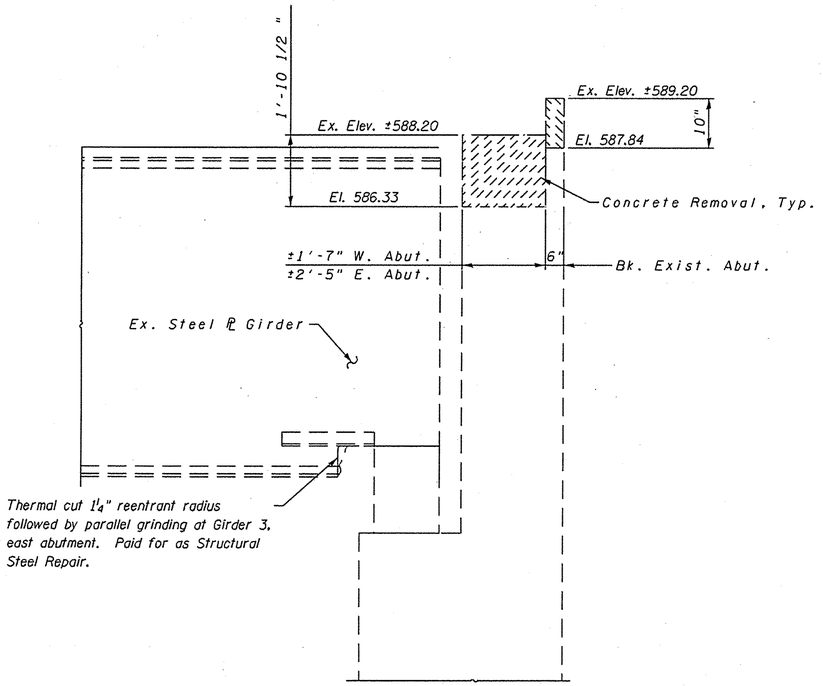
SCALE: = 1'-0"

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEET SHEETS NO.
•	12-00348-00-BT	VERMILION	94 64
*FAIRCHILD / JACKSON		SHT. S-02 OF S-10	
CONTRACT NO. 91498		STRUCTURE NO. 092-7210	

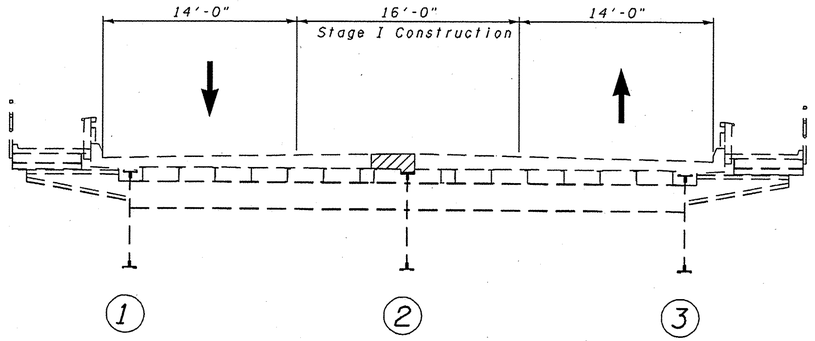




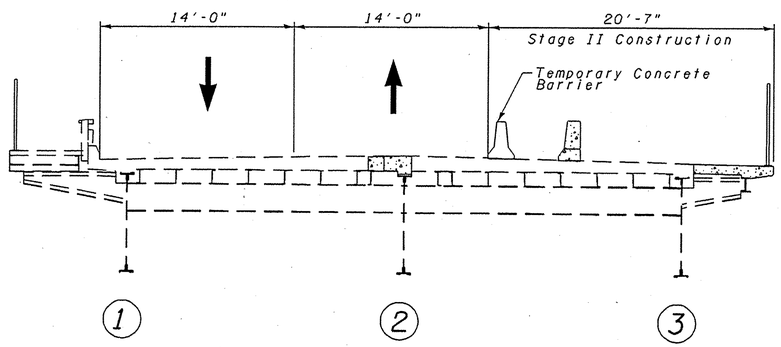
REMOVAL PLAN AT ABUTMENTS



SECTION A



STAGE I TRAFFIC



STAGE II TRAFFIC

FILE LOCATION= X:\Projects\City\Current\12-00348-00-BT DHS SHARED PATH\STRUC\PLTABUTREMOVALS.DGN

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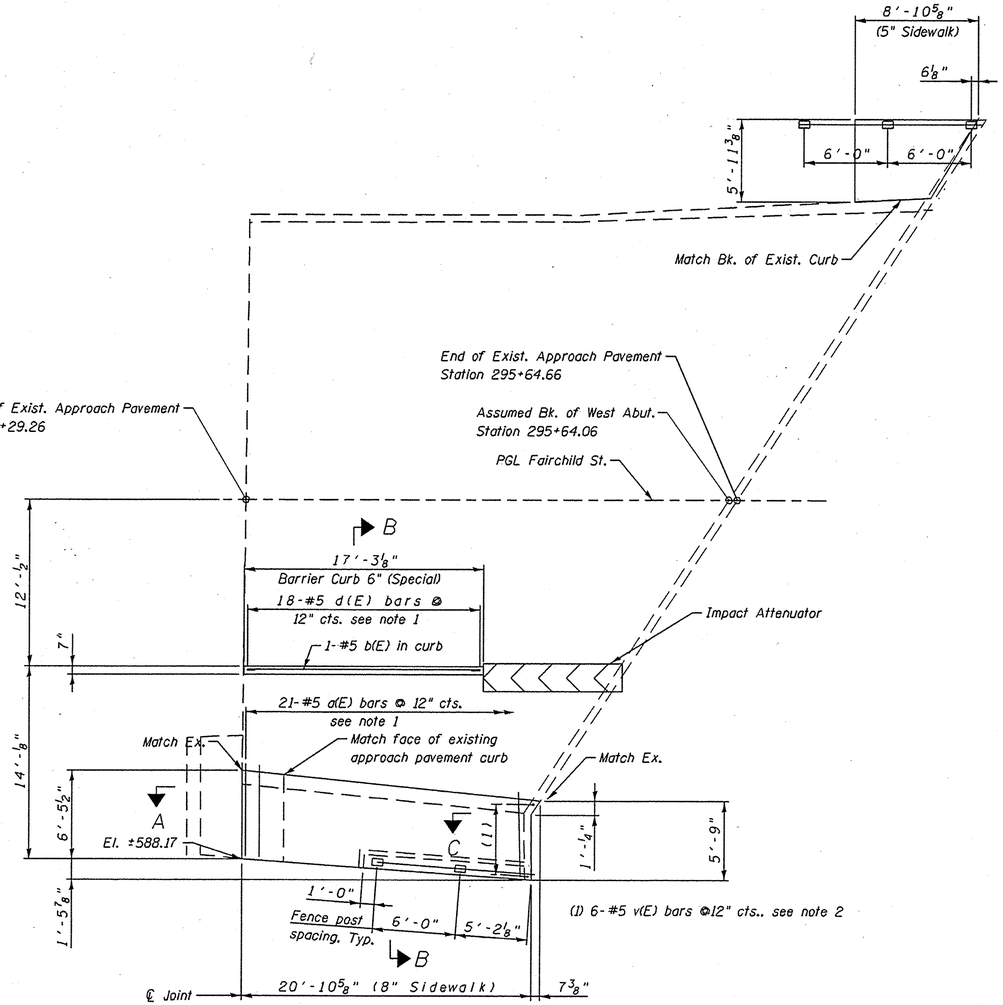
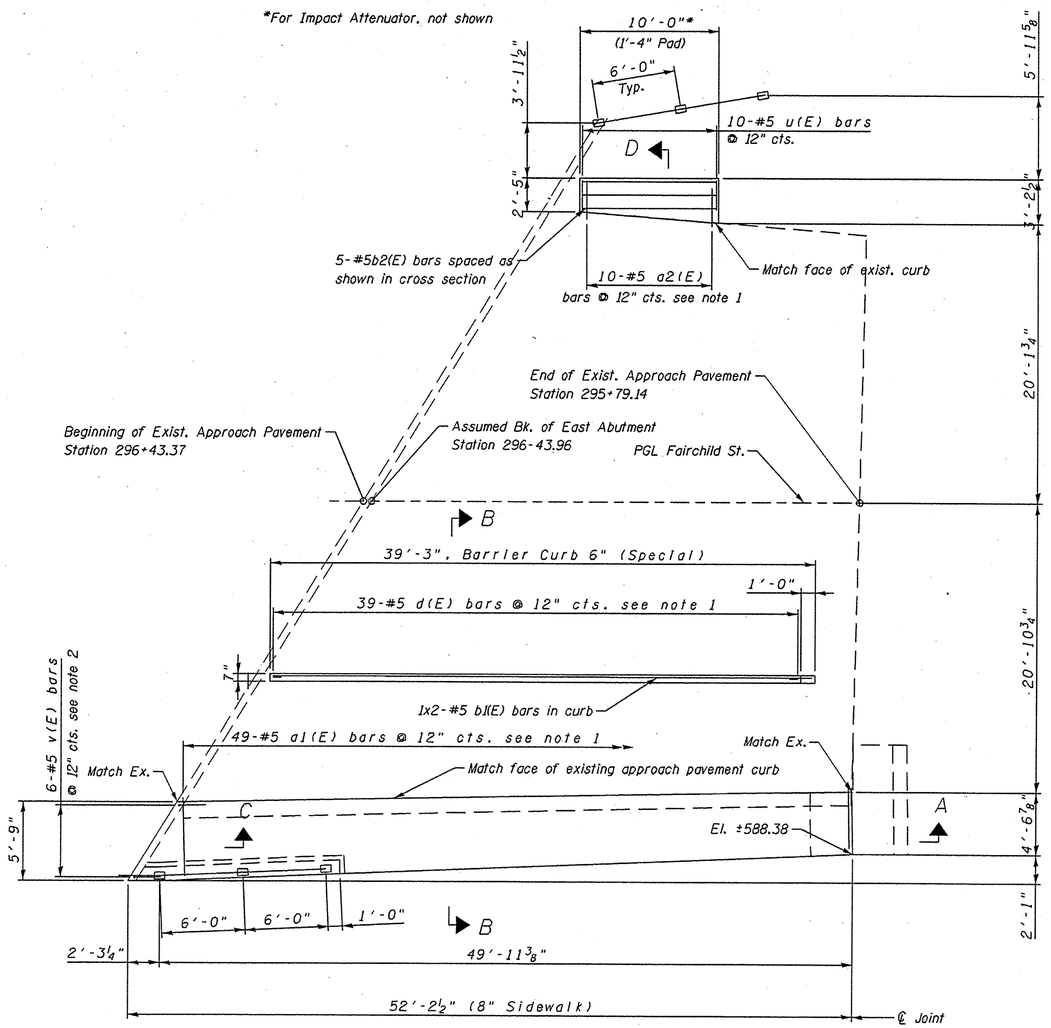
TELEPHONE: 217.431.2400

DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

DANVILLE HIGH SCHOOL SHARED USE PATH
ABUTMENT REMOVALS &
SCALE: 3/16" = 1'-0" | STAGED CONSTRUCTION

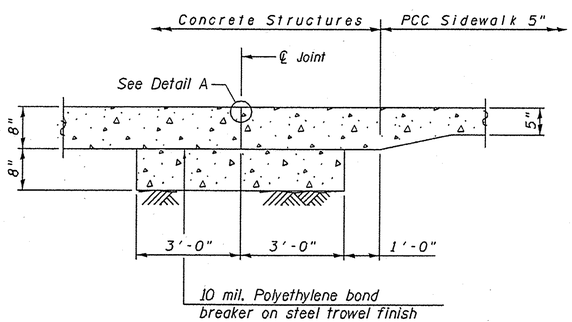
RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
•	12-00348-00-BT	VERMILION	94	65
*FAIRCHILD / JACKSON		SHT. S-03 OF S-10		
CONTRACT NO. 91498		STRUCTURE NO. 092-7210		



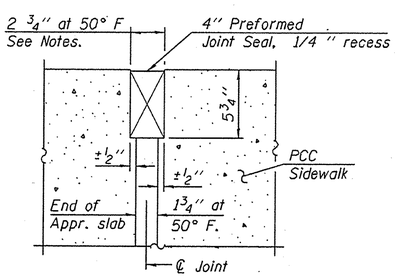


MINIMUM BAR LAP

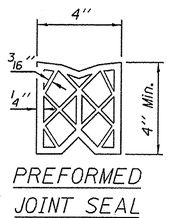
#5 bar = 3'-0"



SECTION A



DETAIL A



PREFORMED JOINT SEAL

Notes:

1. Drill and epoxy grout bars to a minimum 9" embedment depth into the existing approach slab.
2. Drill and epoxy grout bars to a minimum 9" embedment depth into the exisitng abutment backwall.
3. Epoxy grout shall be a material approved by the Department.
4. The west approach slab elevartions shall be restored and the voids beneath the slab shall be filled with high density foam prior to placement of adjoining concrete.
5. The joint opening shall be determined per Article 520.04 except that on jointless structures, the distance described as the bridge length between the nearest fixed bearings each way from the joint shall be taken as half the bridge length plus the approach slab length. The minimum dimension shall be 1 1/2 " for installation purposes.
6. Cost of preformed joint seal and polyethylene bond breaker included with Concrete Structures.
7. Work this sheet with Sheet S-05.

FILE LOCATION= X:\Projects\City\Current\12-00348-00-BT DHS SHARED PATH\STRUC\PLTAPPROACH.DGN

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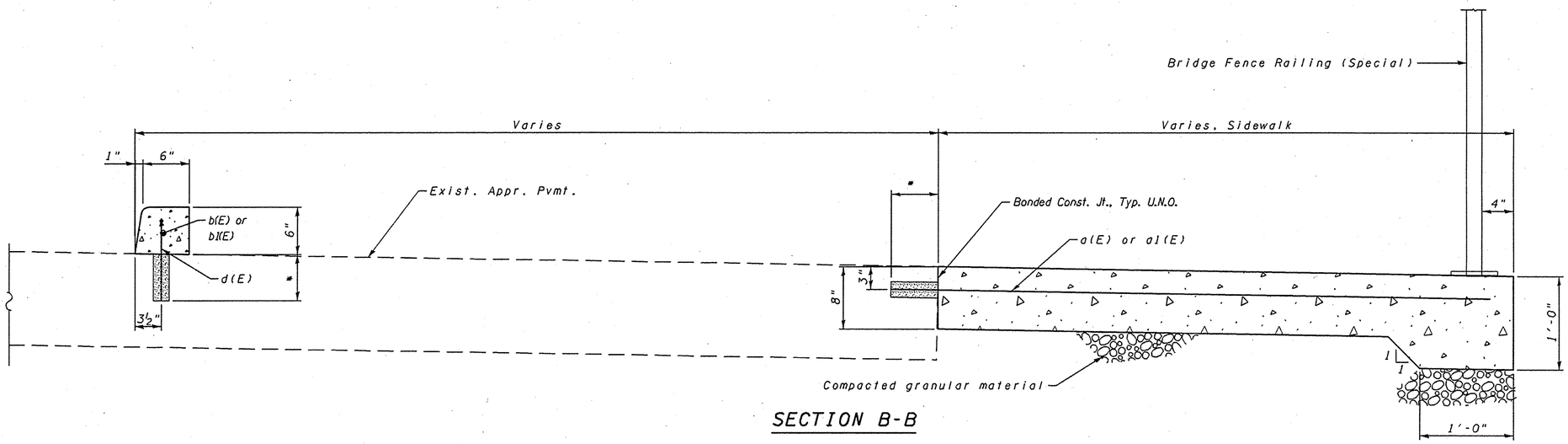
DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

DANVILLE HIGH SCHOOL SHARED USE PATH
APPROACH PLAN

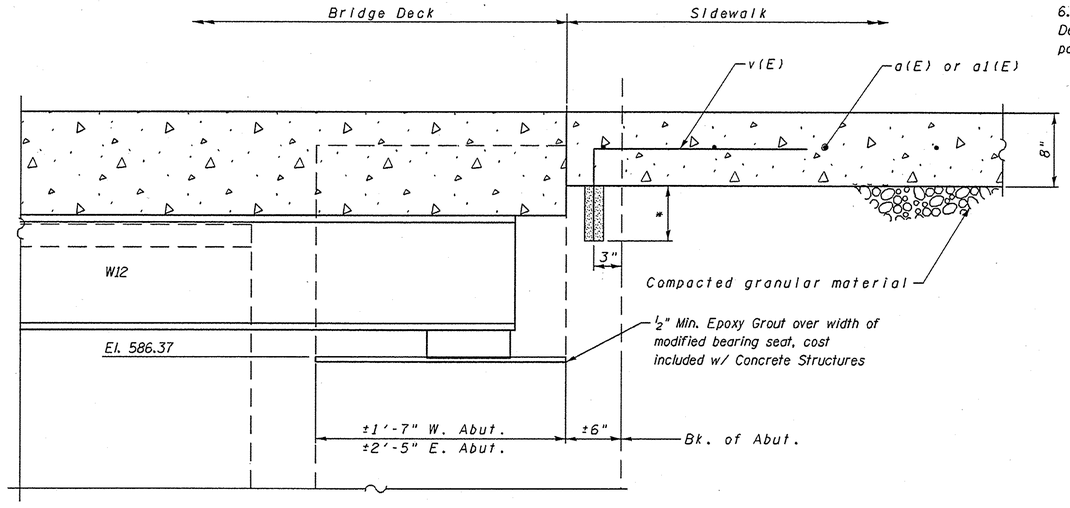
SCALE: 3/16"= 1'-0"

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEET SHEETS NO.
•	12-00348-00-BT	VERMILION	94 66
•FAIRCHILD / JACKSON		SHT. S-04 OF S-10	
CONTRACT NO. 91498		STRUCTURE NO. 092-7210	

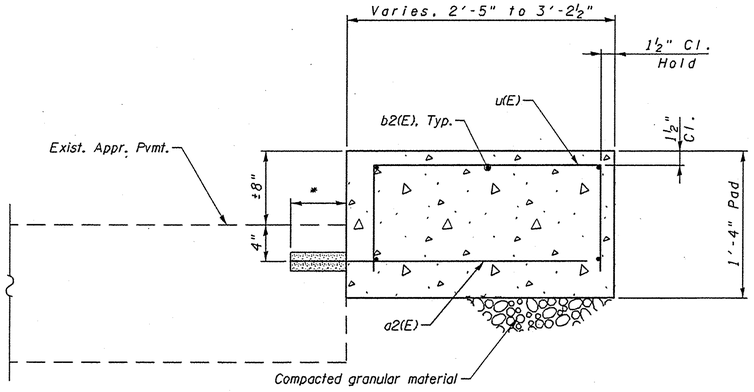


SECTION B-B

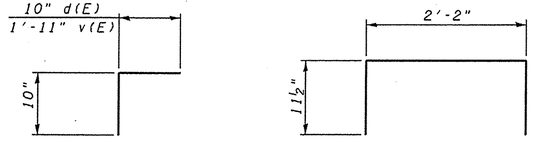
*Drill and epoxy grout bars to a minimum 9" embedment depth



SECTION C



SECTION D



BARS d(E), v(E)

BAR u(E)

Bars indicated thus 1 x 2-#8 etc. indicates 1 line of bars with 2 lengths per line.

Notes:

1. Approach sidewalks, pad, sleeper pad, and barrier curb shall be paid for as Concrete Structures.
2. Cost of excavation and compacted granular backfill needed for approach sidewalks shall be included in the cost of Concrete Structures.
3. Reinforcement shall be paid for as Reinforcement Bars, Epoxy Coated.
4. Cost of drilling and epoxy grouting reinforcement bars shall be included in the cost of Reinforcement Bars, Epoxy Coated.
5. All concrete joints shall be bonded construction joints unless otherwise noted.
6. The quantity for Foam, Expanding Polyurethane, High Density is an estimated quantity. The Contractor will be paid for the actual quantity used.

TWO APPROACHES BILL OF MATERIAL

	No.	Size	Length	Shape
a(E)	21	#5	6'-8"	
a1(E)	49	#5	4'-8"	
a2(E)	10	#5	2'-9"	
b(E)	1	#5	17'-0"	
b1(E)	2	#5	21'-0"	
b2(E)	5	#5	9'-9"	
d(E)	57	#5	1'-8"	
u(E)	10	#5	4'-1"	
v(E)	12	#5	2'-9"	
Reinforcement Bars, Epoxy Coated			Pound	700
Concrete Structures			Cu. Yds.	16.3
Foam, Expanding Polyurethane, High Density			Pound	3,000
Concrete Removal			Cu. Yds.	1.4
Approach Pavement Removal			Sq. Yds.	7.7

FILE LOCATION= X:\Projects\City\Current\12-00348-00-BT DHS SHARED PATH\STRUC\PLTBADETAILS.DGN

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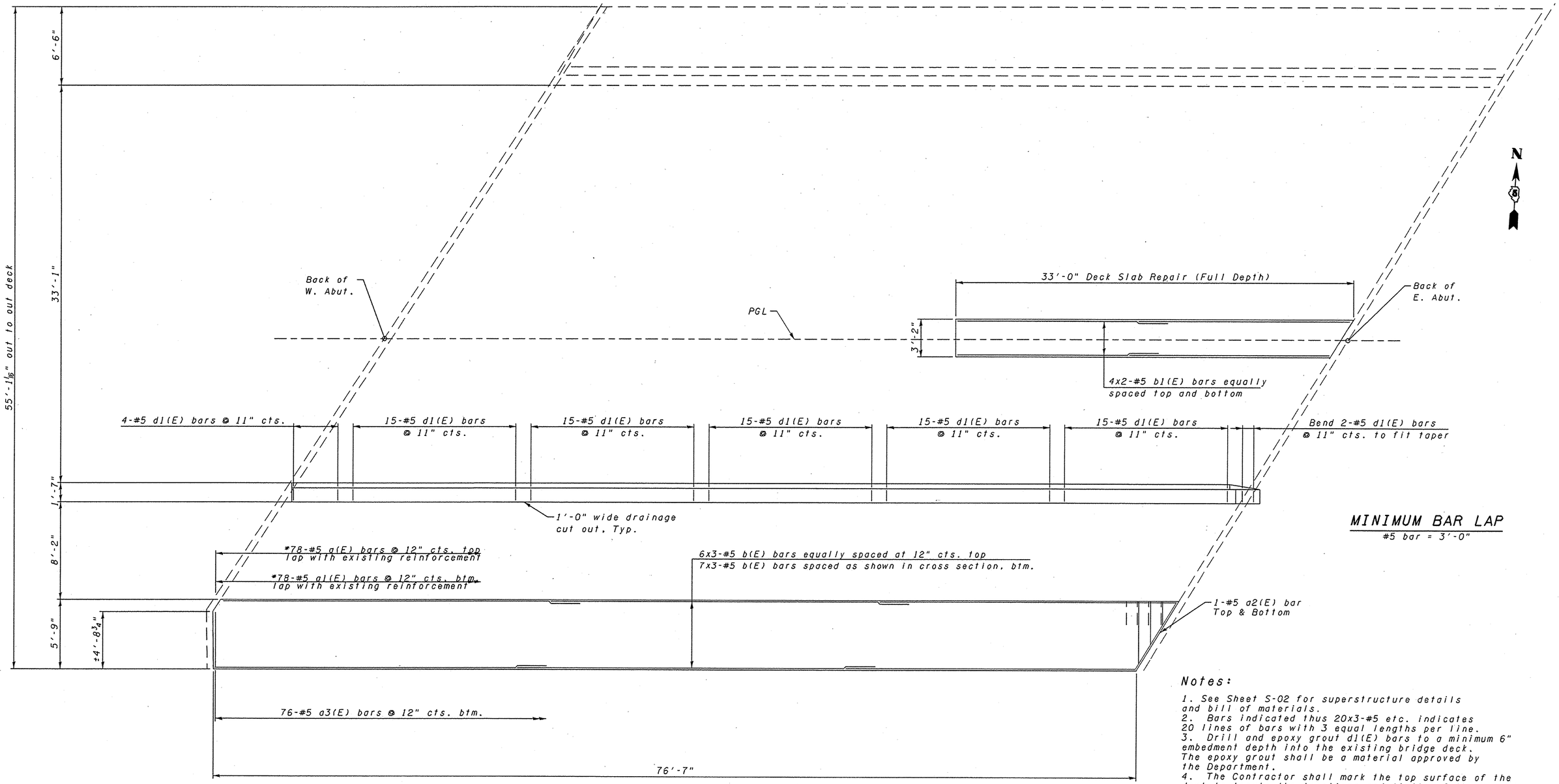
DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

DANVILLE HIGH SCHOOL SHARED USE PATH
APPROACH DETAILS

SCALE: 1 1/2= 1'-0"

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEET SHEETS	NO.
•	12-00348-00-BT	VERMILION	94	67
•FAIRCHILD / JACKSON		SHT. S-05 OF S-10		
CONTRACT NO. 91498		STRUCTURE NO. 092-7210		



* Order a(E) and a1(E) bars full length. Cut to fill skew and discard remainder.

PLAN

MINIMUM BAR LAP

#5 bar = 3'-0"

Notes:

1. See Sheet S-02 for superstructure details and bill of materials.
2. Bars indicated thus 20x3-#5 etc. indicates 20 lines of bars with 3 equal lengths per line.
3. Drill and epoxy grout d1(E) bars to a minimum 6" embedment depth into the existing bridge deck. The epoxy grout shall be a material approved by the Department.
4. The Contractor shall mark the top surface of the deck to locate the locations and limits of the top flanges of beams prior to deck removal operations. All existing paint, scale, rust, and foreign material on top flanges of beams shall be removed prior to placement of concrete.
5. See Sheet S-07 for deck cross section and parapet reinforcement.

FILE LOCATION= X:\Projects\City\Current\12-00348-00-BT DHS SHARED PATH\STRUC\PLTDECKREINF.DGN

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DATE - 8/31/2016	REVISED -	

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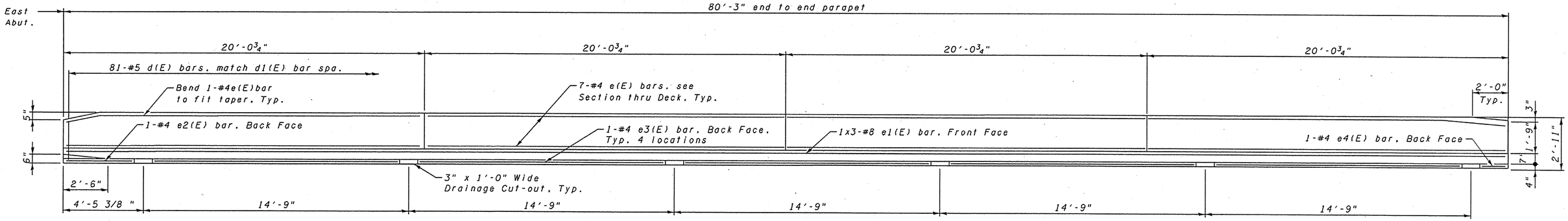
DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

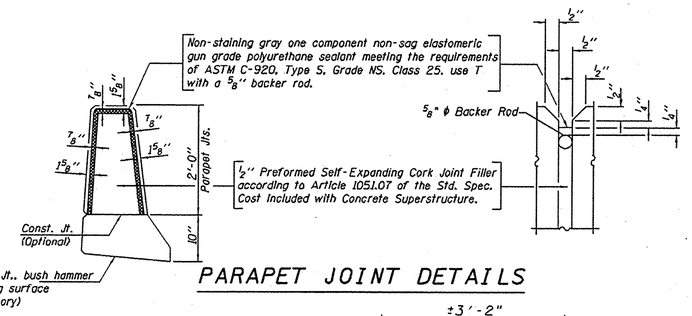
DANVILLE HIGH SCHOOL SHARED USE PATH
SUPERSTRUCTURE

SCALE: 1/4" = 1'-0"

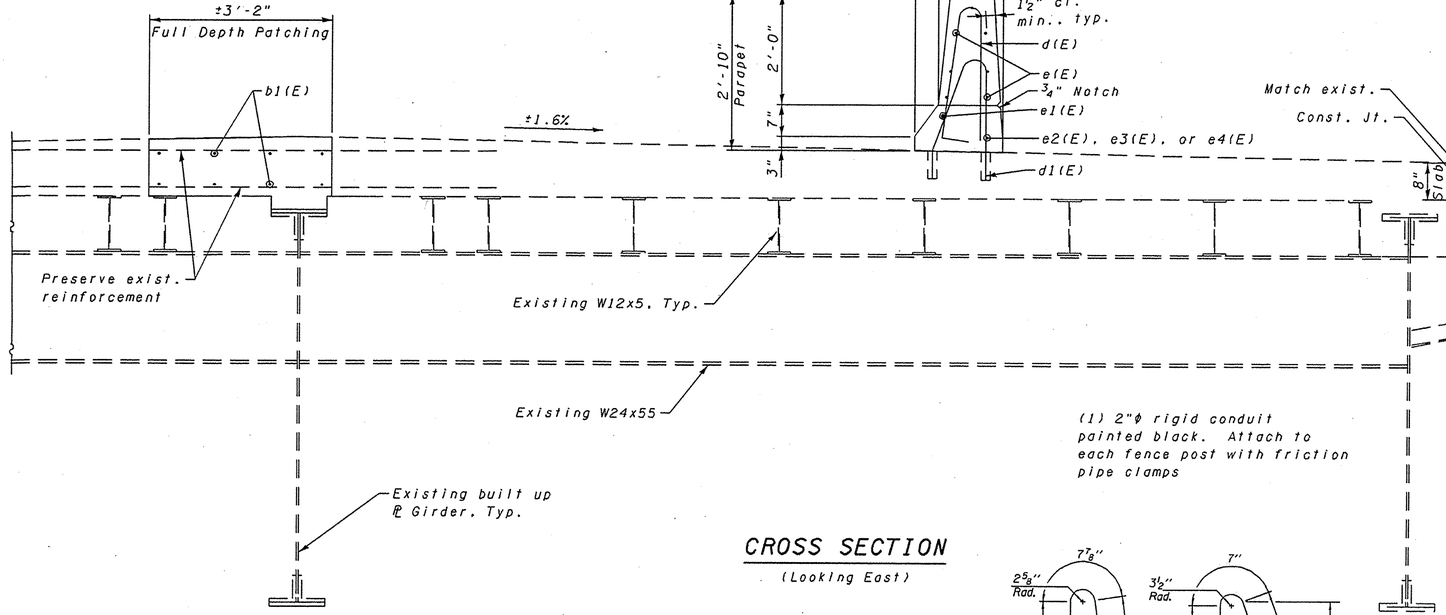
RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEET SHEETS NO.
•	12-00348-00-BT	VERMILION	94 68
*FAIRCHILD / JACKSON		SHT. S-06 OF S-10	
CONTRACT NO. 91498		STRUCTURE NO. 092-7210	



INSIDE ELEVATION OF PARAPET



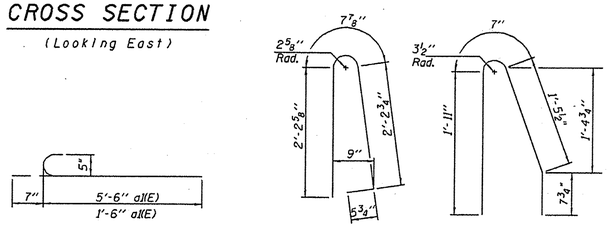
PARAPET JOINT DETAILS



CROSS SECTION

(Looking East)

(1) 2"ϕ rigid conduit painted black. Attach to each fence post with friction pipe clamps



MINIMUM BAR LAP

(Parapet)

#4 bar = 2'-8"

#8 bar = 5'-4"

Bars indicated thus 1 x 2-#8 etc. indicates 1 line of bars with 2 lengths per line.

SUPERSTRUCTURE BILL OF MATERIAL

Bar	No.	Size	Length	Shape
d(E)	78	#5	5'-6"	
d_1(E)	78	#5	6'-1"	
a_2(E)	2	#5	6'-5"	
a_3(E)	76	#5	2'-1"	
b(E)	39	#5	27'-6"	
b_1(E)	16	#5	17'-10"	
d(E)	81	#5	5'-7"	
d_1(E)	81	#5	4'-7"	
e(E)	28	#4	19'-8"	
e_1(E)	3	#8	30'-3"	
e_2(E)	1	#4	4'-1"	
e_3(E)	1	#4	19'-8"	
e_4(E)	1	#4	1'-9"	
Reinforcement Bars, Epoxy Coated			Pound	4,020
Concrete Superstructure			Cu. Yds.	21.6
Conduit Attached to Structure			Foot	77

FILE LOCATION= X:\Projects\City\Current\12-00348-00-BT DHS SHARED PATH\STRUC\PLTSECTION.DGN

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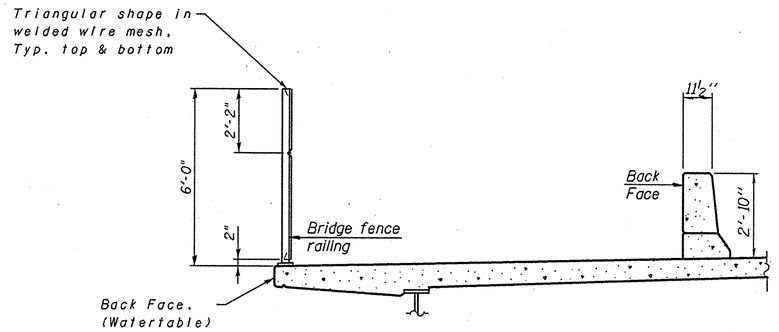
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

DANVILLE HIGH SCHOOL SHARED USE PATH
SUPERSTRUCTURE DETAILS

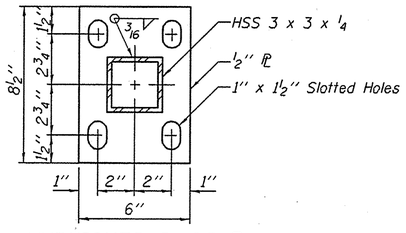
SCALE: NA = 1'-0"

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEET SHEETS NO.
•	12-00348-00-BT	VERMILION	94 69
*FAIRCHILD / JACKSON		SHT. S-07 OF S-10	
CONTRACT NO. 91498		STRUCTURE NO. 092-7210	

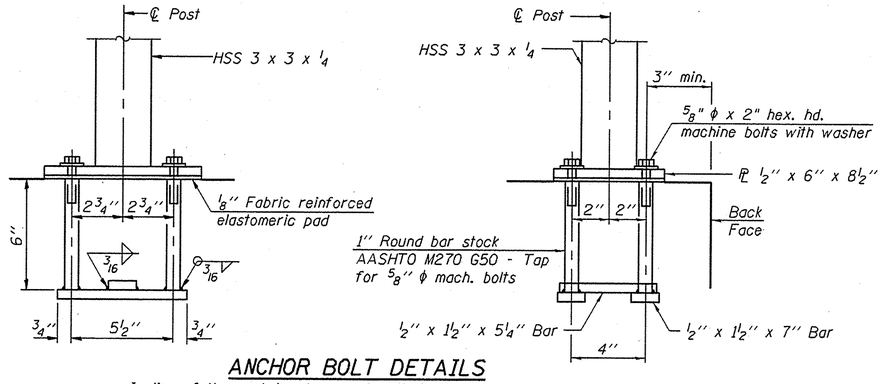


SECTION THRU DECK

(Erecting Bridge Fence Railing (Sidewalk))



FURNISHED BASE PL



ANCHOR BOLT DETAILS

In lieu of the cast-in-place anchor device shown, the Contractor has the option of drilling and setting 5/8" ϕ anchor rods according to Article 509.06 of the Standard Specifications. Embedment shall be according to the manufacturer's specifications.

Notes:

1. Cost of anchor bolt assemblies included with the cost of Erecting Bridge Fence Railing (Sidewalk).
2. Posts shall be spaced at a maximum spacing of 6'-0".

BILL OF MATERIAL

Item	Unit	Quantity
Erecting Bicycle Railing (Sidewalk)	Foot	200

FILE LOCATION= $$pltnc$$

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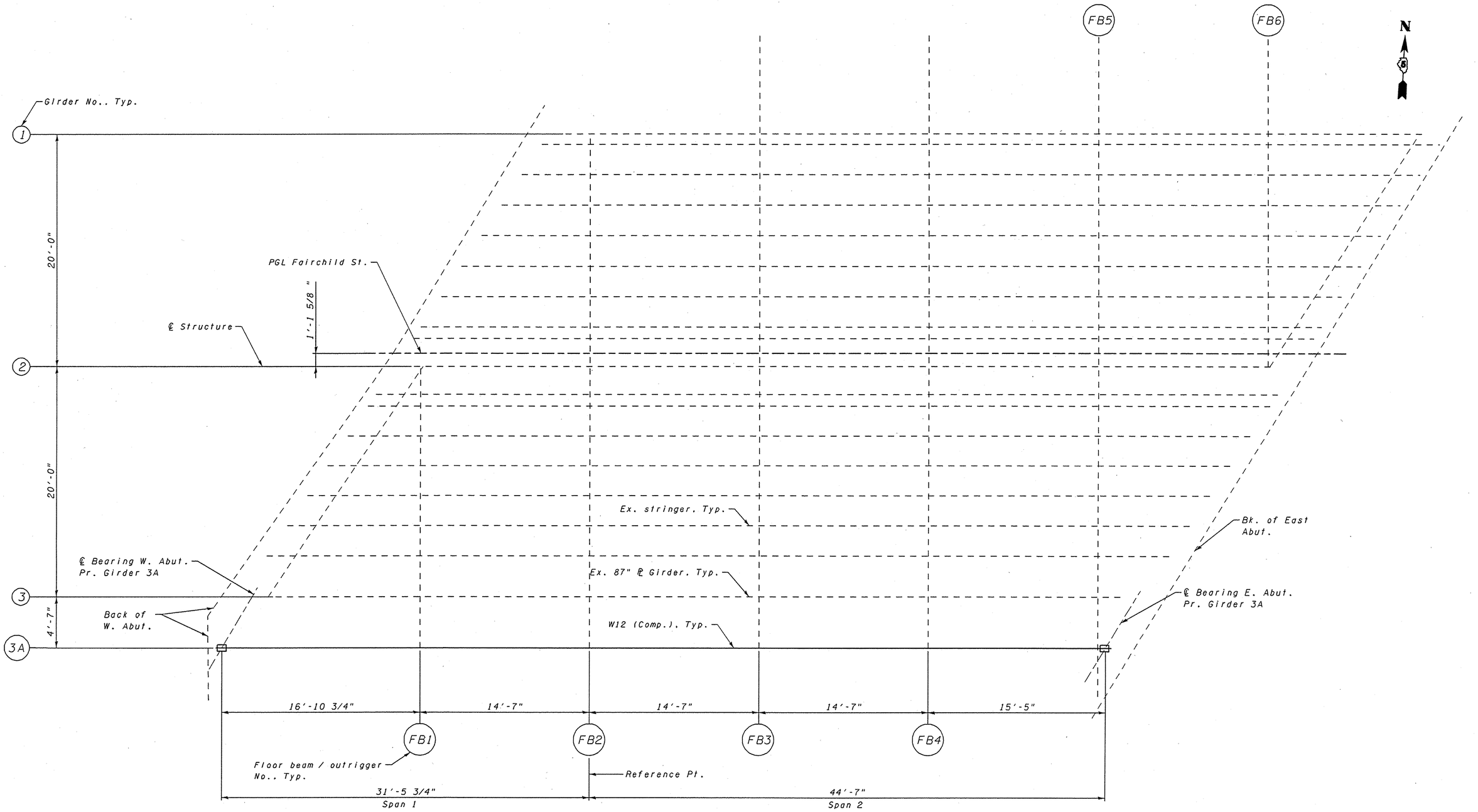
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

DANVILLE HIGH SCHOOL SHARED USE PATH
BRIDGE FENCE DETAILS

SCALE: PLTNC= 1'-0"

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEET SHEETS NO.
*	12-00348-00-BT	VERMILION	94 TO
*FAIRCHILD / JACKSON		SHT. S-08 OF S-10	
CONTRACT NO. 91498		STRUCTURE NO. 092-7210	



FILE LOCATION= X:\Projects\City\Current\12-00348-00-BT DHS SHARED PATH\STRUC\PLTFRAMINGPLAN.DGN	DESIGNED - BDS	REVISED -
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DEPARTMENT OF ENGINEERING
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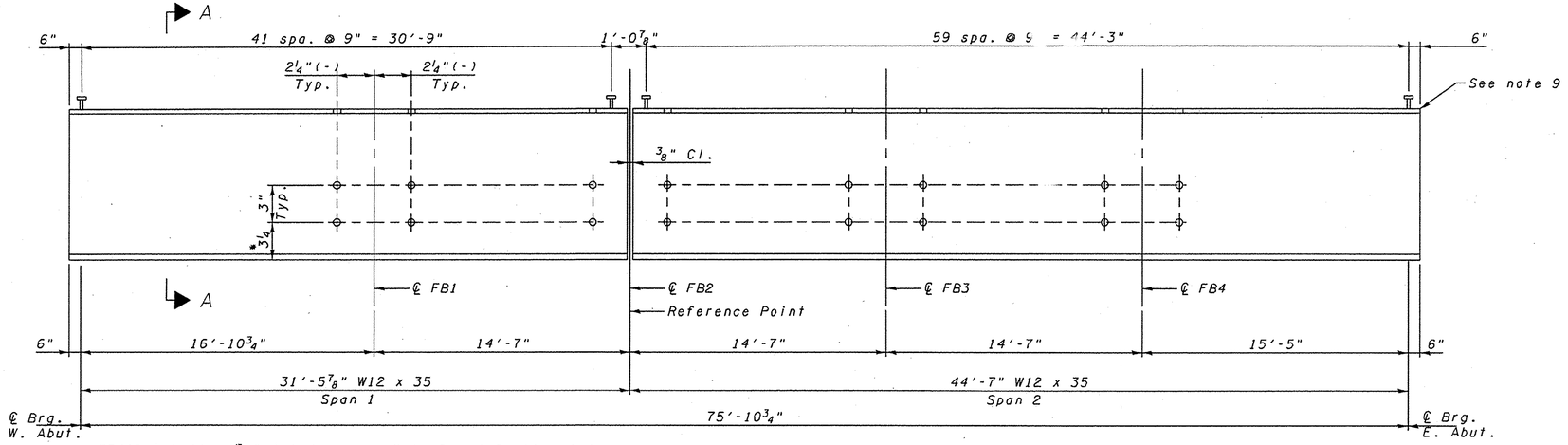
DANVILLE HIGH SCHOOL SHARED USE PATH
FRAMING PLAN

SCALE: 1/4" = 1'-0"

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEET SHEETS	NO.
•	12-00348-00-BT	VERMILION	94	71
•FAIRCHILD / JACKSON		SHT. S-09 OF S-10		
CONTRACT NO. 91498		STRUCTURE NO. 092-7210		

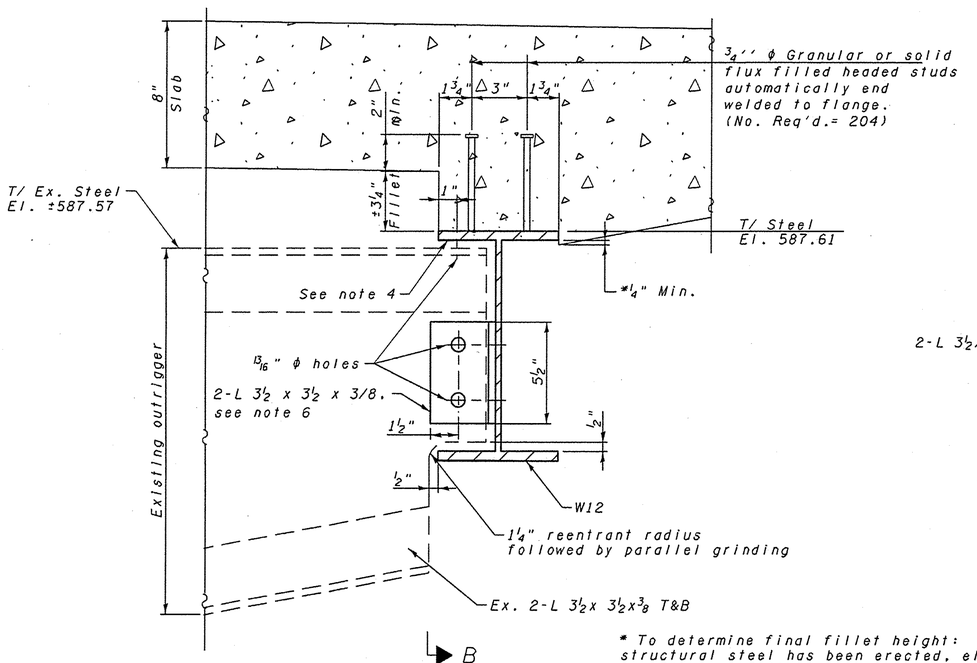


*3/4" ϕ bolts, 13/16" ϕ holes, see Note 2 and Section A-A

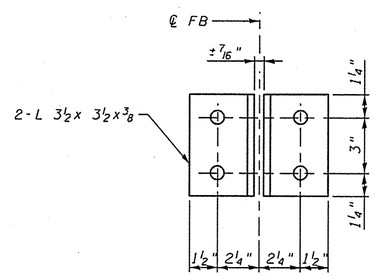
GIRDER ELEVATION 3-A

Notes:

1. All steel shall be AASHTO M270 Grade 50W steel unless noted otherwise.
2. All bolts shall be 3/4" ϕ ASTM A325 Type 3 high Strength in 13/16" ϕ holes. Field drill all holes in existing outriggers and W12x35.
3. W12x35 shall conform to the Supplemental Requirements for Notch Toughness. Zone 2.
4. Provide 3- 2 3/4" x 2 3/4" x 1/4" ℄ washer at each flange connection to shim steel to final elevations.
5. Use existing outrigger FB2 as a reference point for erecting structural steel. Final location of the ℄ bearing relative to existing back of abutments shall be based off of this reference point.
6. Apply sealent on joints between existing and proposed steel.
7. Anchor bolts shall be ASTM F1554 all-thread (or an Engineer-approved alternate material) of the grade(s) and diameter(s) specified. The corresponding specified grade of AASHTO M314 anchor bolts may be used in lieu of ASTM F1554.
8. Drilled and set anchor bolts shall be installed according to Article 521.06 of the Standard Specifications.
9. Field clip flanges to maintain 4" clear from abutment backwall.

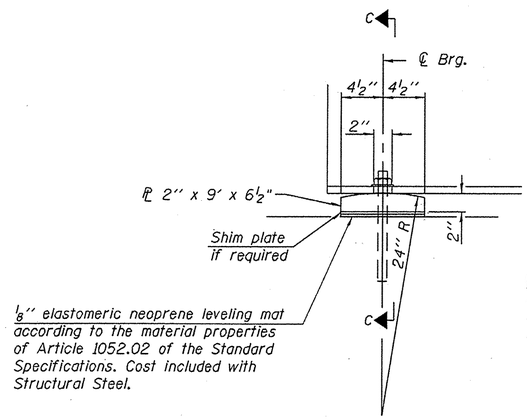


SECTION A-A

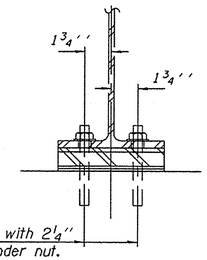


SECTION B

* To determine final fillet height: After all structural steel has been erected, elevations of the top flanges of the beams shall be taken at 3 equal locations between supports. These elevations subtracted from Elevation 587.60, minus slab thickness, equals the fillet height s above the top flange of beams.



ELEVATION AT ABUTMENTS



SECTION C-C

FIXED BEARING

BILL OF MATERIAL

Item	Unit	Total
Anchor Bolts, 1"	Each	4

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DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

DANVILLE HIGH SCHOOL SHARED USE PATH
GIRDER DETAILS
SCALE: NA = 1'-0"

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEET SHEETS NO.
*	12-00348-00-BT	VERMILION	94 72
*FAIRCHILD / JACKSON		SHT. S-10	OF S-10
CONTRACT NO. 91498		STRUCTURE NO. 092-7210	

ABV	ABOVE	CU YD	CUBIC YARD	HD	HEAD	PED	PEDESTAL
A/C	ACCESS CONTROL	CULV	CULVERT	HDW	HEADWALL	PNT	POINT
AC	ACRE	C&G	CURB & GUTTER	HDUTY	HEAVY DUTY	PC	POINT OF CURVATURE
ADJ	ADJUST	D	DEGREE OF CURVE	ha	HECTARE	PI	POINT OF INTERSECTION OF HORIZONTAL
AS	AERIAL SURVEYS	DC	DEPRESSED CURVE	HMA	HOT MIX ASPHALT		CURVE
AGG	AGGREGATE	DET	DETECTOR	HWY	HIGHWAY	PRC	POINT OF REVERSE CURVE
AH	AHEAD	DIA	DIAMETER	HORIZ	HORIZONTAL	PT	POINT OF TANGENCY
APT	APARTMENT	DIST	DISTRICT	HSE	HOUSE	POT	POINT ON TANGENT
ASPH	ASPHALT	DOM	DOMESTIC	IL	ILLINOIS	POLYETH	POLYETHYLENE
AUX	AUXILIARY	DBL	DOUBLE	IMP	IMPROVEMENT	PCC	PORTLAND CEMENT CONCRETE
AGS	AUXILIARY GAS VALVE (SERVICE)	DSEL	DOWNSTREAM ELEVATION	IN DIA	INCH DIAMETER	PP	POWER POLE OR PRINCIPAL POINT
AVE	AVENUE	DSFL	DOWNSTREAM FLOWLINE	INL	INLET	PRM	PRIME
AX	AXIS OF ROTATION	DR	DRAINAGE OR DRIVE	INST	INSTALLATION	PE	PRIVATE ENTRANCE
BK	BACK	DI	DRAINAGE INLET OR DROP INLET	IDS	INTERSECTION DESIGN STUDY	PROF	PROFILE
B-B	BACK TO BACK	DRV	DRIVEWAY	INV	INVERT	PGL	PROFILE GRADELINE
BKPL	BACKPLATE	DCT	DUCT	IP	IRON PIPE	PROJ	PROJECT
B	BARN	EA	EACH	IR	IRON ROD	P.C.	PROPERTY CORNER
BARR	BARRICADE	EB	EASTBOUND	JT	JOINT	PL	PROPERTY LINE
BGN	BEGIN	EOP	EDGE OF PAVEMENT	kg	KILOGRAM	PR	PROPOSED
BM	BENCHMARK	E-CL	EDGE TO CENTERLINE	km	KILOMETER	R	RADIUS
BIND	BINDER	E-E	EDGE TO EDGE	LS	LANDSCAPING	RR	RAILROAD
BIT	BITUMINOUS	EL	ELEVATION	LN	LANE	RRS	RAILROAD SPIKE
BTM	BOTTOM	ENTR	ENTRANCE	LT	LEFT	RPS	REFERENCE POINT STAKE
BLVD	BOULEVARD	EXC	EXCAVATION	LP	LIGHT POLE	REF	REFLECTIVE
BRK	BRICK	EX	EXISTING	LGT	LIGHTING	RCCP	REINFORCED CONCRETE CULVERT PIPE
BBOX	BUFFALO BOX	EXPWAY	EXPRESSWAY	LF	LINEAL FEET OR LINEAR FEET	REINF	REINFORCEMENT
BLDG	BUILDING	E	EXTERNAL DISTANCE OF HORIZONTAL CURVE	L	LITER OR CURVE LENGTH	REM	REMOVAL
CIP	CAST IRON PIPE	E	OFFSET DISTANCE TO VERTICAL CURVE	LC	LONG CHORD	RC	REMOVE CROWN
CB	CATCH BASIN	F-F	FACE TO FACE	LNG	LONGITUDINAL	REP	REPLACEMENT
C-C	CENTER TO CENTER	FA	FEDERAL AID	L SUM	LUMP SUM	REST	RESTAURANT
CL	CENTERLINE OR CLEARANCE	FAI	FEDERAL AID INTERSTATE	MACH	MACHINE	RESURF	RESURFACING
CL-E	CENTERLINE TO EDGE	FAP	FEDERAL AID PRIMARY	MB	MAIL BOX	RET	RETAINING
CL-F	CENTERLINE TO FACE	FAS	FEDERAL AID SECONDARY	MH	MANHOLE	RT	RIGHT
CTS	CENTERS	FAUS	FEDERAL AID URBAN SECONDARY	MATL	MATERIAL	ROW	RIGHT-OF-WAY
CERT	CERTIFIED	FP	FENCE POST	MED	MEDIAN	RD	ROAD
CHSLD	CHISELED	FE	FIELD ENTRANCE	m	METER	ROWY	ROADWAY
CS	CITY STREET	FH	FIRE HYDRANT	METH	METHOD	RTE	ROUTE
CP	CLAY PIPE	FL	FLOW LINE	M	MID-ORDINATE	SAN	SANITARY
CLSD	CLOSED	FB	FOOT BRIDGE	mm	MILLIMETER	SANS	SANITARY SEWER
CLID	CLOSED LID	FDN	FOUNDATION	mm DIA	MILLIMETER DIAMETER	SEC	SECTION
CT	COAT OR COURT	FR	FRAME	MIX	MIXTURE	SEED	SEEDING
COMB	COMBINATION	F&G	FRAME & GRATE	MBH	MOBILE HOME	SHAP	SHAPING
C	COMMERCIAL BUILDING	FRWAY	FREEWAY	MOD	MODIFIED	S	SHED
CE	COMMERCIAL ENTRANCE	GAL	GALLON	MFT	MOTOR FUEL TAX	SH	SHEET
CONC	CONCRETE	GALV	GALVANIZED	N & BC	NAIL & BOTTLE CAP	SHLD	SHOULDER
CONST	CONSTRUCT	G	GARAGE	N & C	NAIL & CAP	SW	SIDEWALK OR SOUTHWEST
CONTD	CONTINUED	GM	GAS METER	N & W	NAIL & WASHER	SIG	SIGNAL
CONT	CONTINUOUS	GV	GAS VALVE	NOAA	NATIONAL OCEANIC ATMOSPHERIC	SOD	SODDING
COR	CORNER	GRAN	GRANULAR		ADMINISTRATION	SM	SOLID MEDIAN
CORR	CORRUGATED	GR	GRATE	NC	NORMAL CROWN	SB	SOUTHBOUND
CMP	CORRUGATED METAL PIPE	GRVL	GRAVEL	NB	NORTHBOUND	SE	SOUTHEAST
CNTY	COUNTY	GND	GROUND	NE	NORTHEAST	SPL	SPECIAL
CH	COUNTY HIGHWAY	GUT	GUTTER	NW	NORTHWEST	SD	SPECIAL DITCH
CSE	COURSE	GP	GUY POLE	OLID	OPEN LID	SQ FT	SQUARE FEET
XSECT	CROSS SECTION	GW	GUY WIRE	PAT	PATTERN	m ²	SQUARE METER
m³	CUBIC METER	HH	HANDHOLE	PVD	PAVED	mm ²	SQUARE MILLIMETER
mm³	CUBIC MILLIMETER	HATCH	HATCHING	PVMT	PAVEMENT	SQ YD	SQUARE YARD
				PM	PAVEMENT MARKING	STB	STABILIZED

STD	STANDARD		
SBI	STATE BOND ISSUE		
SR	STATE ROUTE		
STA	STATION		
SPBGR	STEEL PLATE BEAM GUARDRAIL		
SS	STORM SEWER		
STY	STORY		
ST	STREET		
STR	STRUCTURE		
e	SUPERELEVATION RATE		
S.E. RUN	SUPERELEVATION RUNOFF LENGTH		
SURF	SURFACE		
SMK	SURVEY MARKER		
T	TANGENT DISTANCE		
T.R.	TANGENT RUNOUT DISTANCE		
TEL	TELEPHONE		
TB	TELEPHONE BOX		
TP	TELEPHONE POLE		
TEMP	TEMPORARY		
TBM	TEMPORARY BENCH MARK		
TD	TILE DRAIN		
TBE	TO BE EXTENDED		
TBR	TO BE REMOVED		
TBS	TO BE SAVED		
TWP	TOWNSHIP		
TR	TOWNSHIP ROAD		
TS	TRAFFIC SIGNAL		
TSCB	TRAFFIC SIGNAL CONTROL BOX		
TSC	TRAFFIC SYSTEMS CENTER		
TRVS	TRANSVERSE		
TRVL	TRAVEL		
TRN	TURN		
TY	TYPE		
T-A	TYPE A		
TYP	TYPICAL		
UNDGND	UNDERGROUND		
USGS	U.S. GEOLOGICAL SURVEY		
USEL	UPSTREAM ELEVATION		
USFL	UPSTREAM FLOWLINE		
UTIL	UTILITY		
VBOX	VALVE BOX		
VV	VALVE VAULT		
VLT	VAULT		
VEH	VEHICLE		
VP	VENT PIPE		
VERT	VERTICAL		
VC	VERTICAL CURVE		
VPC	VERTICAL POINT OF CURVATURE		
VPI	VERTICAL POINT OF INTERSECTION		
VPT	VERTICAL POINT OF TANGENCY		
WM	WATER METER		
WV	WATER VALVE		
WMAIN	WATER MAIN		
WB	WESTBOUND		
WILDFL	WILDFLOWERS		
W	WITH		
WO	WITHOUT		

Illinois Department of Transportation
PASSED January 1, 2011
ENGINEER OF POLICY AND PROCEDURES Michael Brand
APPROVED January 1, 2011
ENGINEER OF BUREAU OF ENVIRONMENT
BDE 10-1-97

DATE	REVISIONS
1-1-11	Updated abbreviations and symbols.
1-1-08	Updated abbreviations and symbols.

STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
(Sheet 1 of 8)
STANDARD 000001-06

ADJUSTMENT ITEMS	EX	PR
Structure To Be Adjusted		ADJ
Structure To Be Cleaned		C
Main Structure To Be Filled		FM
Structure To Be Filled		F
Structure To Be Filled Special		FSP
Structure To Be Removed		R
Structure To Be Reconstructed		REC
Structure To Be Reconstructed Special		RSP
Frame and Grate To Be Adjusted		A
Frame and Lid To Be Adjusted		A
Domestic Service Box To Be Adjusted		A
Valve Vault To Be Adjusted		A
Special Adjustment		SP
Item To Be Abandoned		AB
Item To Be Moved		M
Item To Be Relocated		REL
Pavement Removal and Replacement		

ALIGNMENT ITEMS	EX	PR
Baseline		
Centerline		
Centerline Break Circle		
Baseline Symbol		
Centerline Symbol		
PI Indicator		
Point Indicator		
Horizontal Curve Data (Half Size)	CURVE P.I. STA= Δ= D= R= T= L= E= e= T.R.= S.E. RUN= P.C. STA= P.T. STA=	CURVE P.I. STA= Δ= D= R= T= L= E= e= T.R.= S.E. RUN= P.C. STA= P.T. STA=

BOUNDARIES ITEMS	EX	PR
Dashed Property Line		
Solid Property/Lot Line		
Section/Grant Line		
Quarter Section Line		
Quarter/Quarter Section Line		
County/Township Line		
State Line		
Iron Pipe Found		
Iron Pipe Set		
Survey Marker		
Property Line Symbol		
Same Ownership Symbol (Half Size)		
Northwest Quarter Corner (Half Size)		
Section Corner (Half Size)		
Southeast Quarter Corner (Half Size)		

CONTOUR ITEMS	EX	PR
Approx. Index Line		
Approx. Intermediate Line		
Index Contour		
Intermediate Contour		

DRAINAGE ITEMS	EX	PR
Channel or Stream Line		
Culvert Line		
Grading & Shaping Ditches		
Drainage Boundary Line		
Paved Ditch		
Aggregate Ditch		
Pipe Underdrain		
Storm Sewer		
Flowline		
Ditch Check		
Headwall		
Inlet		
Manhole		
Summit		
Roadway Ditch Flow		
Swale		
Catch Basin		
Culvert End Section		
Water Surface Indicator		
Riprap		

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STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
(Sheet 2 of 8)
STANDARD 000001-06

EROSION & SEDIMENT CONTROL ITEMS	EX	PR
Cleaning & Grading Limits		
Dike		
Erosion Control Fence		
Perimeter Erosion Barrier		
Temporary Fence		
Ditch Check Temporary		
Ditch Check Permanent		
Inlet & Pipe Protection		
Sediment Basin		
Erosion Control Blanket		
Fabric Formed Concrete Revetment Mat		
Turf Reinforcement Mat		
Mulch Temporary		
Mulch Method 1		
Mulch Method 2 Stabilized		
Mulch Method 3 Hydraulic		

NON-HIGHWAY IMPROVEMENT ITEMS	EX	PR
Noise Attn./Levee		
Field Line		
Fence		
Base of Levee		
Mailbox		
Multiple Mailboxes		
Pay Telephone		
Advertising Sign		

LANDSCAPING ITEMS	EX	PR
Contour Mounding Line		
Fence		
Fence Post		
Shrubs		
Mowline		
Perennial Plants		
Seeding Class 2		
Seeding Class 2A		
Seeding Class 4		
Seeding Class 4 & 5 Combined		

EXISTING LANDSCAPING ITEMS (contd.)	EX	PR
Seeding Class 5		
Seeding Class 7		
Seedlings Type 1		
Seedlings Type 2		
Sodding		
Mowstake w/Sign		
Tree Trunk Protection		
Evergreen Tree	E	
Shade Tree	E	

LIGHTING	EX	PR
Duct		
Conduit		
Electrical Aerial Cable	A	A
Electrical Buried Cable	L	L
Controller		
Underpass Luminaire		
Power Pole		

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APPROVED January 1, 2011
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BDE 10-1-97

STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
(Sheet 3 of 8)
STANDARD 000001-06

LIGHTING (contd.)	EX	PR
Pull Point		
Handhole		
Heavy Duty Handhole		
Junction Box		
Light Unit Comb.		
Electrical Ground		
Traffic Flow Arrow		
High Mast Pole (Half Size)		
Light Unit-1		

PAVEMENT (MISC.)	EX	PR
Keyed Long. Joint		
Keyed Long. Joint w/Tie Bars		
Sawed Long. Joint w/Tie Bars		
Bituminous Shoulder		
Bituminous Taper		
Stabilized Driveway		
Widening		

PAVEMENT MARKINGS	EX	PR
Bike Lane Symbol		
Bike Lane Text		
Handicap Symbol		
RR Crossing		
Raised Marker Amber 1 Way		
Raised Marker Amber 2 Way		
Raised Marker Crystal 1 Way		
Two Way Turn Left		
Shoulder Disg. Pattern		
Skip-Dash White		
Skip-Dash Yellow		
Stop Line		
Solid Line		
Double Centerline		
Dotted Lines		
CL 2Ln 2Way RRPM 12.2 m (40') o.c.		
CL 2Ln 2Way RRPM 80' (24.4 m) o.c.		
CL Multilane Div. RRPM 40' (12.2 m) o.c.		
CL Multilane Div. RRPM 80' (24.4 m) o.c.		
CL Multilane Div. Dbl. RRPM 80' (24.4 m) o.c.		
CL Multilane Undiv.		
Two Way Turn Left Line		

Illinois Department of Transportation
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APPROVED January 1, 2011
ENGINEER OF BUREAU OF ENVIRONMENT
BDE 10-1-97

STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
(Sheet 4 of 8)
STANDARD 000001-06

FILE LOCATION = X:\Projects\City\Current\12-00348-00-BT DHS SHARED PATH\CIVIL\CONSTRUCTION\DETAILS.DGN

DESIGNED	ENC	REVISED	-
DRAWN	COD	REVISED	-
CHECKED	RDS	REVISED	-
DATE	8/31/2016	REVISED	-

CITY OF DANVILLE, 17 WEST MAIN STREET
DANVILLE, ILLINOIS 61832
TELEPHONE: 217.431.2400

DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

DANVILLE HIGH SCHOOL SHARED USE PATH STANDARDS & DISTRICT 5 CADD DETAILS I

SCALE: N/A

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEET SHEETS NO.
*	12-00348-00-BT	Vermilion	94 73
	CONTRACT NUMBER 91498		

PAVEMENT MARKINGS (contd.)

	EX	PR
Urban Combination Left		
Urban Combination Right		
Urban Left Turn Arrow		
Urban Right Turn Arrow		
Urban Left Turn Only		
Urban Right Turn Only		
Urban Thru Only		
Urban U-Turn		
Urban Combined U-Turn		
Rural Combination Left		
Rural Combination Right		
Rural Left Turn Arrow		
Rural Right Turn Arrow		
Rural Left Turn Only		
Rural Right Turn Only		
Rural Thru Only		

RAILROAD ITEMS

	EX	PR
Abandoned Railroad		
Railroad		
Railroad Point		
Control Box		
Crossing Gate		
Flashing Signal		
Railroad Cont. Mast Arm		
Crossbuck		

REMOVAL ITEMS

	EX	PR
Removal Tic		
Bituminous Removal		
Hatch Pattern		
Tree Removal Single		

RIGHT OF WAY ITEMS

	EX	PR
Future ROW Corner Monument		
ROW Marker		
ROW Line		
Easement		
Temporary Easement		

Illinois Department of Transportation
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APPROVED January 1, 2011 — ENGINEER OF DESIGN AND ENVIRONMENT
BDE 10-1-07

STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS (Sheet 5 of 8)

STANDARD 000001-06

RIGHT OF WAY ITEMS (contd.)

	EX	PR
Access Control Line	AC	AC
Access Control Line & ROW	AC	AC
Access Control Line & ROW with Fence	AR	AC
Excess ROW Line		XS

ROADWAY PLAN ITEMS

	EX	PR
Cable Barrier		
Concrete Barrier		
Edge of Pavement		
Bit Shoulders, Medians and C&G Line		
Aggregate Shoulder		
Sidewalks, Driveways		
Guardrail		
Guardrail Post		
Traffic Sign		
Corrugated Median		
Impact Attenuator		
North Arrow with District Office (Half Size)		
Match Line		STA. 45+00
Slope Limit Line		
Typical Cross-Section Line		

ROADWAY PROFILES

	EX	PR
P.I. Indicator		
Point Indicator		
Earthworks Balance Point		
Begin Point		
Vert. Curve Data	VPI = ELEV = E = F =	VPI = ELEV = E = F =
Ditch Profile Left Side		
Ditch Profile Right Side		
Roadway Profile Line		
Storm Sewer Profile Left Side		
Storm Sewer Profile Right Side		

SIGNING ITEMS

	EX	PR
Cone, Drum or Barricade		
Barricade Type II		
Barricade Type III		
Barricade With Edge Line		
Flashing Light Sign		
Panels I		
Panels II		
Direction of Traffic		
Sign Flag (Half Size)		

Illinois Department of Transportation
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BDE 10-1-07

STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS (Sheet 6 of 8)

STANDARD 000001-06

SIGNING ITEMS (contd.)

	EX	PR
One Way Arrow Lrg. W1-6-(0) (Half Size)		
Two Way Arrow Large W1-7-(0) (Half Size)		
Detour M4-10L-(0) (Half Size)		DETOUR
Detour M4-10R-(0) (Half Size)		DETOUR
One Way Left R6-1L (Half Size)		ONE WAY
One Way Right R6-1R (Half Size)		ONE WAY
Left Turn Lane R3-11OOL (Half Size)		LEFT TURN LANE
Keep Left R4-7AL (Half Size)		KEEP LEFT
Keep Left R4-7BL (Half Size)		KEEP LEFT
Keep Right R4-7AR (Half Size)		KEEP RIGHT
Keep Right R4-7BR (Half Size)		KEEP RIGHT
Stop Here On Red R10-6-AL (Half Size)		STOP HERE ON RED
Stop Here On Red R10-6-AR (Half Size)		STOP HERE ON RED
No Left Turn R3-2 (Half Size)		
No Right Turn R3-1 (Half Size)		
Road Closed R11-2 (Half Size)		ROAD CLOSED
Road Closed Thru Traffic R11-2 (Half Size)		ROAD CLOSED TO THRU TRAFFIC

STRUCTURES ITEMS

	EX	PR
Box Culvert Barrel		
Box Culvert Headwall		
Bridge Pier		
Bridge		
Retaining Wall		
Temporary Sheet Piling		

TRAFFIC SHEET ITEMS

	EX	PR
Cable Number		
Left Turn Green	G	G
Left Turn Yellow	Y	Y
Signal Backplate		
Signal Section 8" (200 mm)		
Signal Section 12" (300 mm)		
Walk/Don't Walk Letters	DW W	DW W
Walk/Don't Walk Symbols		

TRAFFIC SIGNAL ITEMS

	EX	PR
Galv. Steel Conduit		
Underground Cable		
Detector Loop Line		
Detector Loop Large		
Detector Loop Small		
Detector Loop Quadrapole		

Illinois Department of Transportation
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APPROVED January 1, 2011 — ENGINEER OF DESIGN AND ENVIRONMENT
BDE 10-1-07

STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS (Sheet 7 of 8)

STANDARD 000001-06

TRAFFIC SIGNAL ITEMS (contd.)

	EX	PR
Detector Raceway		
Aluminum Mast Arm		
Steel Mast Arm		
Veh. Detector Magnetic		
Conduit Splice		
Controller		
Gulfbox Junction		
Wood Pole		
Temp. Signal Head		
Handhole		
Double Handhole		
Heavy Duty Handhole		
Junction Box		
Ped. Pushbutton Detector		
Ped. Signal Head		
Power Pole Service		
Priority Veh. Detector		
Signal Head		
Signal Head w/Backplate		
Signal Post		
Closed Circuit TV		
Video Detector System		

UNDERGROUND UTILITY ITEMS

	EX	PR	ABANDONED
Cable TV	CTV	CTV	CTV
Electric Cable	E	E	E
Fiber Optic	FO	FO	FO
Gas Pipe	G	G	G
Oil Pipe	O	O	O
Sanitary Sewer			
Telephone Cable	T	T	T
Water Pipe	W	W	W

UTILITIES ITEMS

	EX	PR
Controller		
Double Handhole		
Fire Hydrant		
GuyWire or Deadman Anchor		
Handhole		
Heavy Duty Handhole		
Junction Box		
Light Pole		
Manhole		
Pipeline Warning Sign		
Power Pole		
Power Pole with Light		
Sanitary Sewer Cleanout		
Splice Box Above Ground		
Telephone Splice Box Above Ground		
Telephone Pole		

UTILITY ITEMS (contd.)

	EX	PR
Traffic Signal		
Traffic Signal Control Box		
Water Meter		
Water Meter Valve Box		
Profile Line		
Aerial Power Line	A	A

VEGETATION ITEMS

	EX	PR
Deciduous Tree		
Bush or Shrub		
Evergreen Tree		
Stump		
Orchard/Nursery Line		
Vegetation Line		
Woods & Bush Line		

WATER FEATURE ITEMS

	EX	PR
Stream or Drainage Ditch		
Waters Edge		
Water Surface Indicator		
Water Point		
Disappearing Ditch		
Marsh		
Marsh/Swamp Boundary		

STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS (Sheet 8 of 8)

STANDARD 000001-06

FILE LOCATION= X:\Projects\City\Current\12-00348-00-BT DHS SHARED PATH\CIVIL\CONSTRUCTION\DETAILS.DGN

DESIGNED - ENC	REVISED -	
DRAWN - COD	REVISED -	
CHECKED - RDS	REVISED -	
DATE - 8/31/2016	REVISED -	

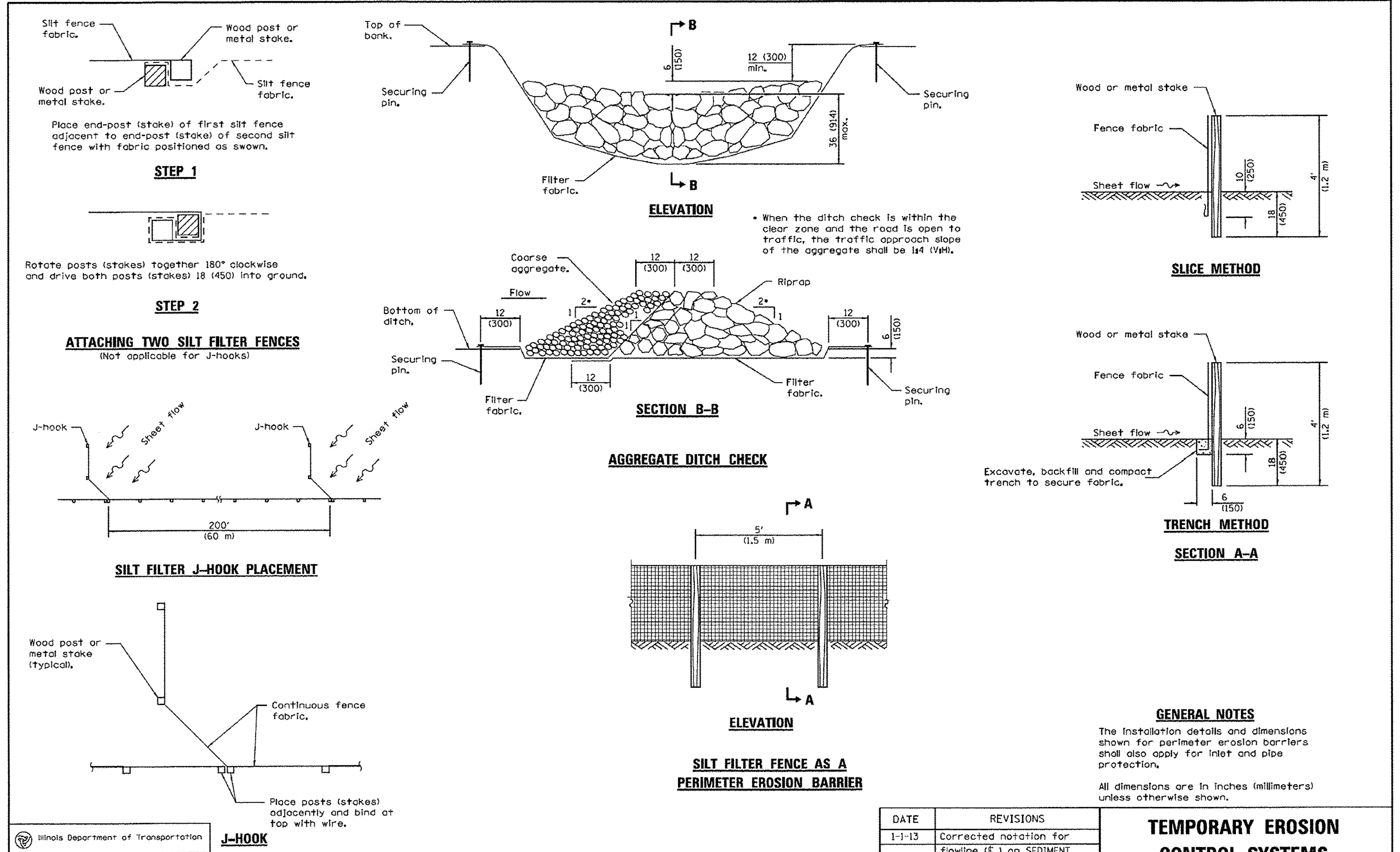
CITY OF DANVILLE, 17 WEST MAIN STREET
DANVILLE, ILLINOIS 61832
TELEPHONE: 217.431.2400

DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

DANVILLE HIGH SCHOOL SHARED USE PATH STANDARDS & DISTRICT 5 CADD DETAILS II

SCALE: N/A

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEET SHEETS	NO.
*	12-00348-00-BT	Vermilion	94	74
	CONTRACT NUMBER 91498			



Silt fence fabric.
Wood post or metal stake.
Slit fence fabric.
Place end-post (stake) of first silt fence adjacent to end-post (stake) of second silt fence with fabric positioned as shown.
STEP 1
Rotate posts (stakes) together 180° clockwise and drive both posts (stakes) 18 (450) into ground.
STEP 2
ATTACHING TWO SILT FILTER FENCES
(Not applicable for J-hooks)
J-hook
Sheet flow
200' (60 m)
SILT FILTER J-HOOK PLACEMENT
Wood post or metal stake (typical).
Continuous fence fabric.
Place posts (stakes) adjacently and bind at top with wire.
J-HOOK
Top of bank.
Securing pin.
12 (300) min.
36 (914) max.
Filter fabric.
ELEVATION
• When the ditch check is within the clear zone and the road is open to traffic, the traffic approach slope of the aggregate shall be 1:4 (V:H).
Course aggregate.
Riprap
Flow
Bottom of ditch.
Filter fabric.
Securing pin.
SECTION B-B
AGGREGATE DITCH CHECK
5' (1.5 m)
ELEVATION
SILT FILTER FENCE AS A
PERIMETER EROSION BARRIER
Wood or metal stake
Fence fabric
Sheet flow
4' (1.2 m)
SLICE METHOD
Excavate, backfill and compact trench to secure fabric.
6 (150)
TRENCH METHOD
SECTION A-A

GENERAL NOTES

The installation details and dimensions shown for perimeter erosion barriers shall also apply for inlet and pipe protection.

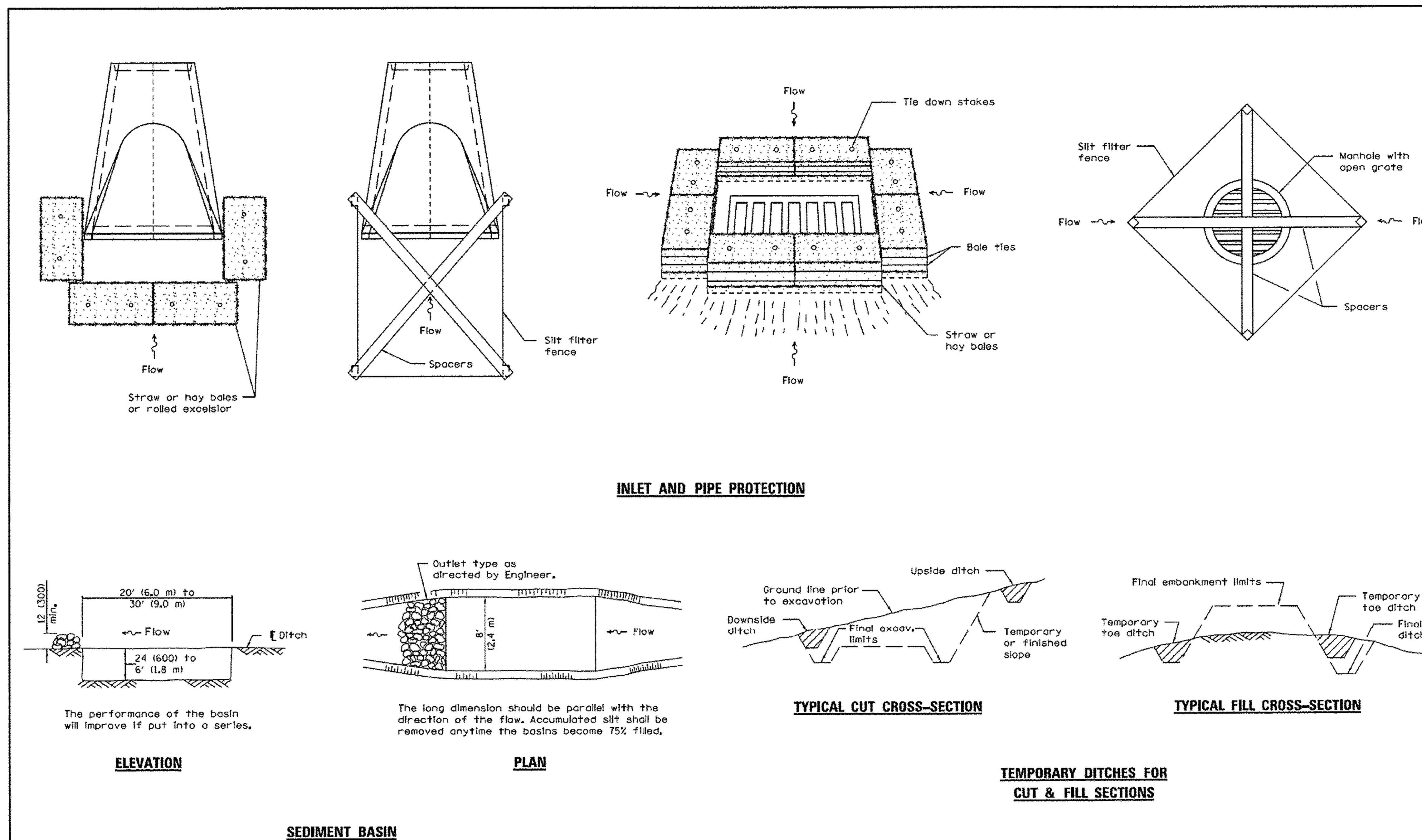
All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation
PASSED January 1, 2013
ENGINEER OF POLICY AND PROCEDURES
APPROVED January 1, 2013
ENGINEER OF DESIGN AND ENVIRONMENT
1-1-97 (ISSUED)

DATE	REVISIONS
1-1-13	Corrected notation for
	flowline (℄) on SEDIMENT
	BASIN ELEVATION.
1-1-12	Omitted hay/straw perimeter
	barrier. Added SLICE METHOD
	to SECTION A-A.

TEMPORARY EROSION CONTROL SYSTEMS
(Sheet 1 of 2)

STANDARD 280001-07



Flow
Straw or hay bales or rolled excelsior
Spacers
Silt filter fence
Tie down stakes
Bale ties
Straw or hay bales
Silt filter fence
Manhole with open grate
Spacers
INLET AND PIPE PROTECTION
12 (300) min.
20' (6.0 m) to 30' (9.0 m)
24 (600) to 6' (1.8 m)
℄ Ditch
The performance of the basin will improve if put into a series.
ELEVATION
Outlet type as directed by Engineer.
8' (2.4 m)
The long dimension should be parallel with the direction of the flow. Accumulated silt shall be removed anytime the basins become 75% filled.
PLAN
SEDIMENT BASIN
Ground line prior to excavation
Upslope ditch
Downslide ditch
Final excav. limits
Temporary or finished slope
TYPICAL CUT CROSS-SECTION
Final embankment limits
Temporary toe ditch
Final ditch
TYPICAL FILL CROSS-SECTION
TEMPORARY DITCHES FOR
CUT & FILL SECTIONS

Illinois Department of Transportation
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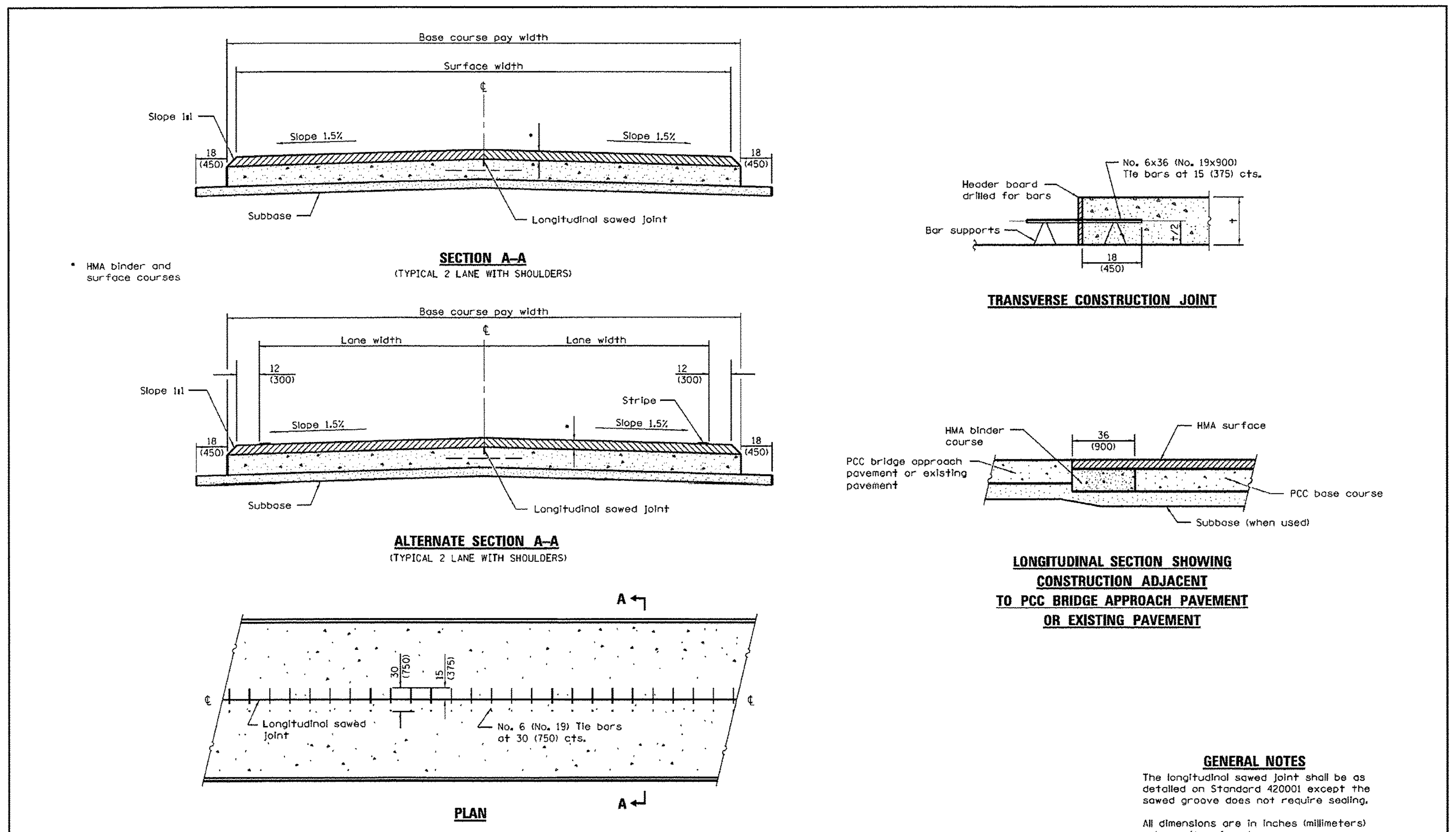
ENGINEER OF POLICY AND PROCEDURES
APPROVED January 1, 2013
ENGINEER OF DESIGN AND ENVIRONMENT
1-1-97 (ISSUED)

TEMPORARY EROSION CONTROL SYSTEMS
(Sheet 2 of 2)

STANDARD 280001-07



Base course pay width
Surface width
Slope 1:1
Slope 1.5%
18 (450)
Subbase
Longitudinal sawed joint
SECTION A-A
(TYPICAL 2 LANE WITH SHOULDERS)
* HMA binder and surface courses
Lane width
12 (300)
Stripe
ALTERNATE SECTION A-A
(TYPICAL 2 LANE WITH SHOULDERS)
Header board drilled for bars
No. 6x36 (No. 19x900) Tie bars at 15 (375) cts.
Bar supports
18 (450)
TRANSVERSE CONSTRUCTION JOINT
HMA binder course
36 (900)
HMA surface
PCC bridge approach pavement or existing pavement
PCC base course
Subbase (when used)
LONGITUDINAL SECTION SHOWING
CONSTRUCTION ADJACENT
TO PCC BRIDGE APPROACH PAVEMENT
OR EXISTING PAVEMENT
30 (750)
15 (375)
Longitudinal sawed joint
No. 6 (No. 19) Tie bars at 30 (750) cts.
PLAN

GENERAL NOTES

The longitudinal sawed joint shall be as detailed on Standard 420001 except the sawed groove does not require sealing.

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

Illinois Department of Transportation
PASSED January 1, 2008
ENGINEER OF POLICY AND PROCEDURES
APPROVED January 1, 2008
ENGINEER OF DESIGN AND ENVIRONMENT
1-1-97 (ISSUED)

DATE	REVISIONS
1-1-08	Switched units to
	English (metric).
1-1-07	Switched to Hot-Mix
	Asphalt (HMA)
	terminology.

PCC BASE COURSE WITH HMA BINDER AND SURFACE COURSES

STANDARD 353001-04

FILE LOCATION=
X:\Projects\City\Current\12-00348-00-BT DHS SHARED PATH\CIVIL\CONSTRUCTION\DETAILS.DGN

DESIGNED -	ENC	REVISED -	
DRAWN -	COD	REVISED -	
CHECKED -	RDS	REVISED -	
DATE -	8/31/2016	REVISED -	

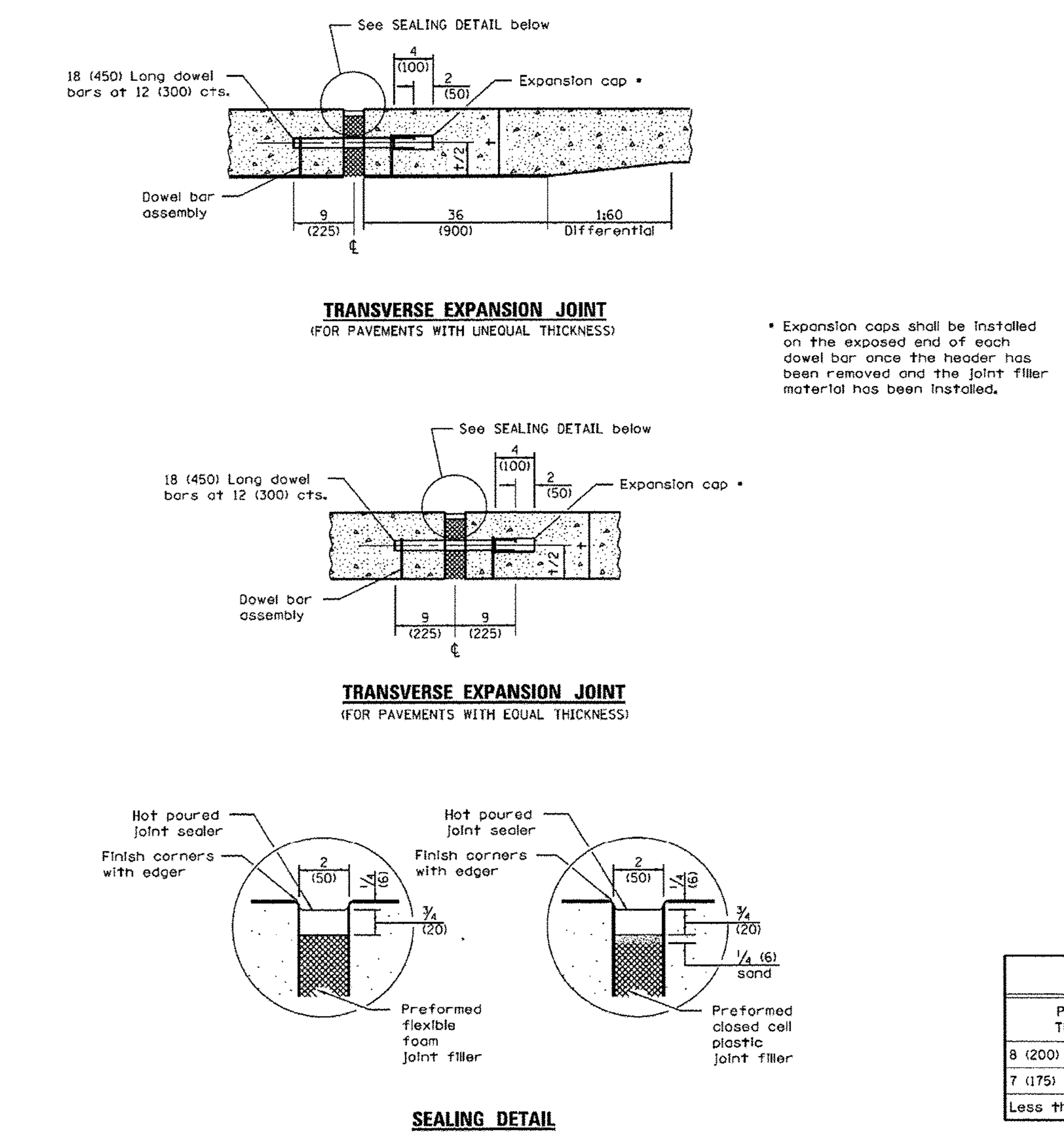
CITY OF DANVILLE, 17 WEST MAIN STREET
DANVILLE, ILLINOIS 61832
TELEPHONE: 217.431.2400

DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

DANVILLE HIGH SCHOOL SHARED USE PATH
STANDARDS & DISTRICT 5 CADD DETAILS III

SCALE: NTS

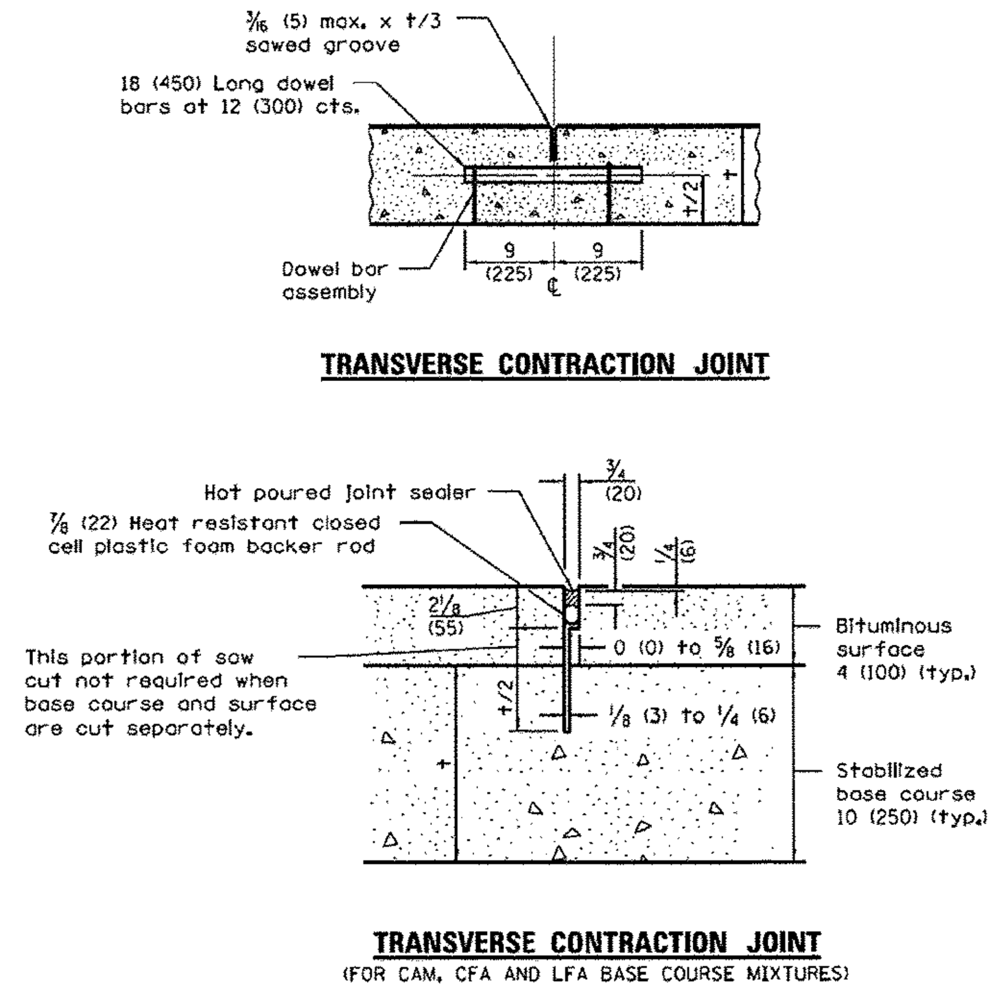
RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
•	12-00348-00-BT	Vermilion	94	75
	CONTRACT NUMBER 91498			



TRANSVERSE EXPANSION JOINT
(FOR PAVEMENTS WITH UNEQUAL THICKNESS)

TRANSVERSE EXPANSION JOINT
(FOR PAVEMENTS WITH EQUAL THICKNESS)

SEALING DETAIL



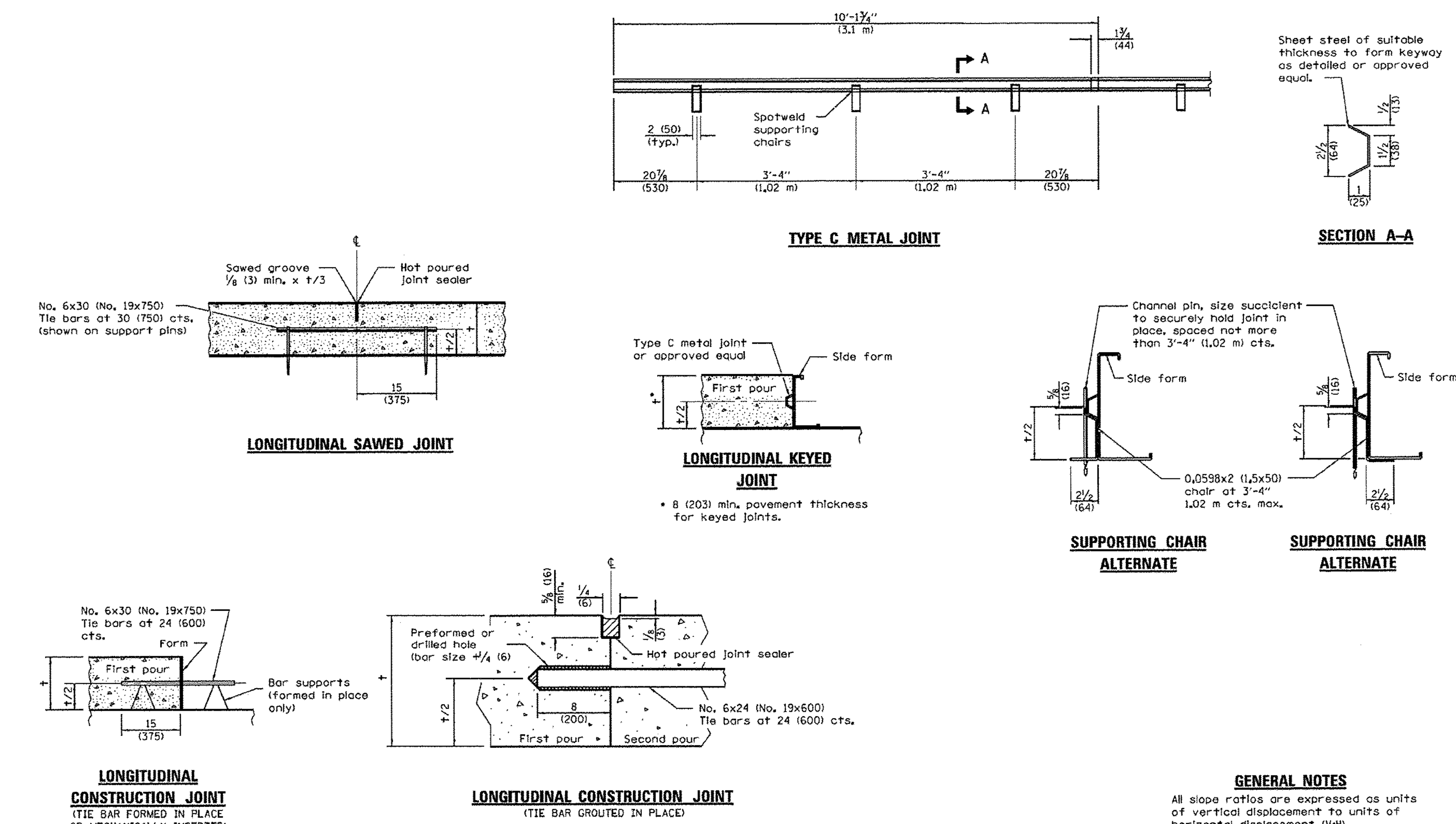
TRANSVERSE CONTRACTION JOINT

TRANSVERSE CONTRACTION JOINT
(FOR CAM, CFA AND LFA BASE COURSE MIXTURES)

DOWEL BAR TABLE	
PAVEMENT THICKNESS	DOWEL BAR DIAMETER
8 (200) or greater	1½ (38)
7 (175) thru 7.99 (199)	1¼ (32)
Less than 7 (175)	1 (25)

Illinois Department of Transportation
PASSED January 1, 2015
ENGINEER OF POLICY AND PROCEDURES
APPROVED January 1, 2015
ENGINEER OF DESIGN AND ENVIRONMENT

PAVEMENT JOINTS
(Sheet 2 of 2)
STANDARD 420001-08



TYPE C METAL JOINT

SECTION A-A

LONGITUDINAL SAWED JOINT

LONGITUDINAL KEYED JOINT
* 8 (203) min. pavement thickness for keyed joints.

SUPPORTING CHAIR ALTERNATE

SUPPORTING CHAIR ALTERNATE

LONGITUDINAL CONSTRUCTION JOINT
(TIE BAR FORMED IN PLACE OR MECHANICALLY INSERTED)

LONGITUDINAL CONSTRUCTION JOINT
(TIE BAR GROUTED IN PLACE)

GENERAL NOTES

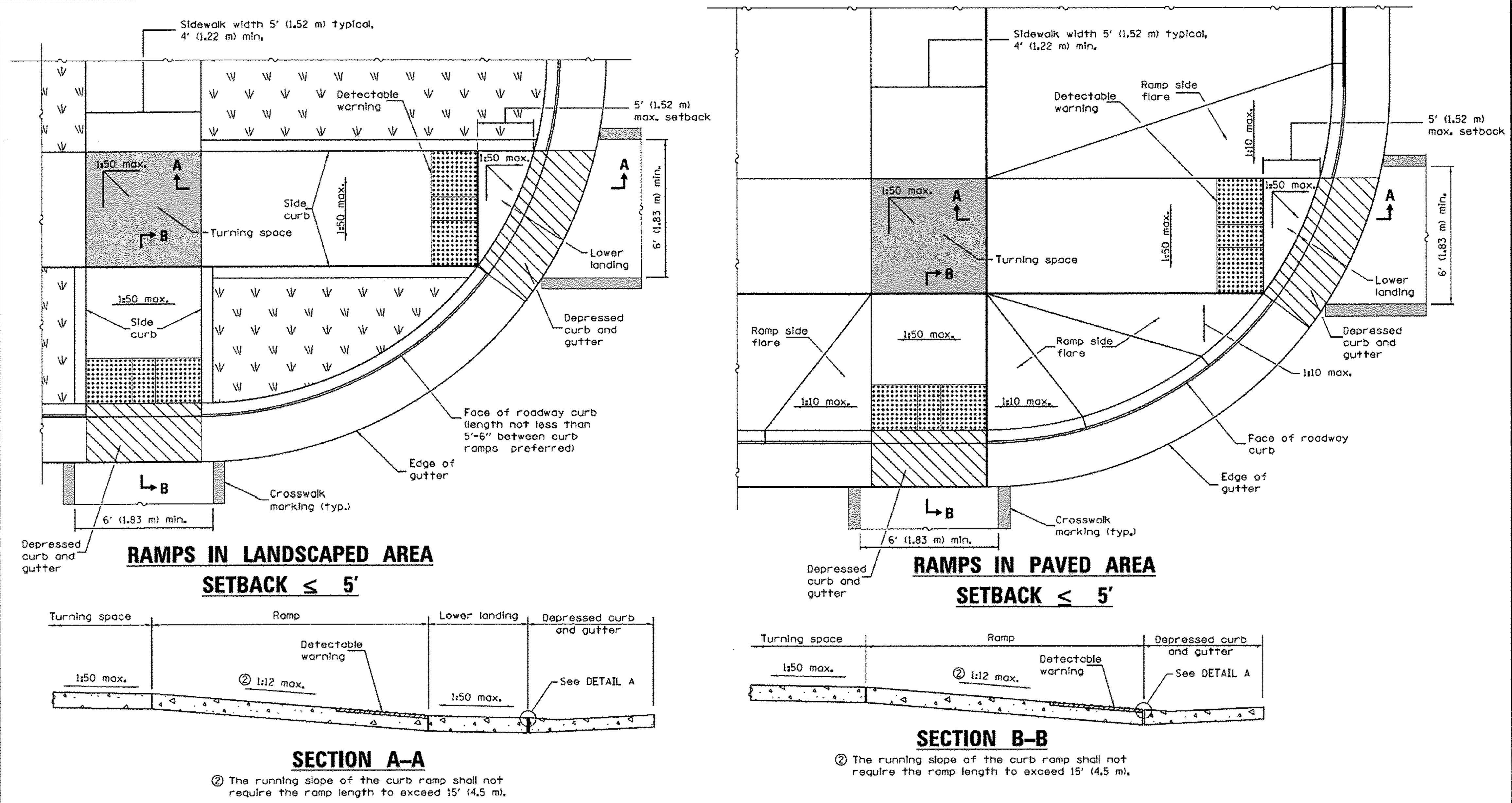
All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

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

DATE	REVISIONS
1-1-15	Added: opt. for mech.
	Inserted tie bars, min. pvmt.
	thickness for keyed joints.
1-1-08	Switched units to
	English (metric).

Illinois Department of Transportation
PASSED January 1, 2015
ENGINEER OF POLICY AND PROCEDURES
APPROVED January 1, 2015
ENGINEER OF DESIGN AND ENVIRONMENT

PAVEMENT JOINTS
(Sheet 1 of 2)
STANDARD 420001-08

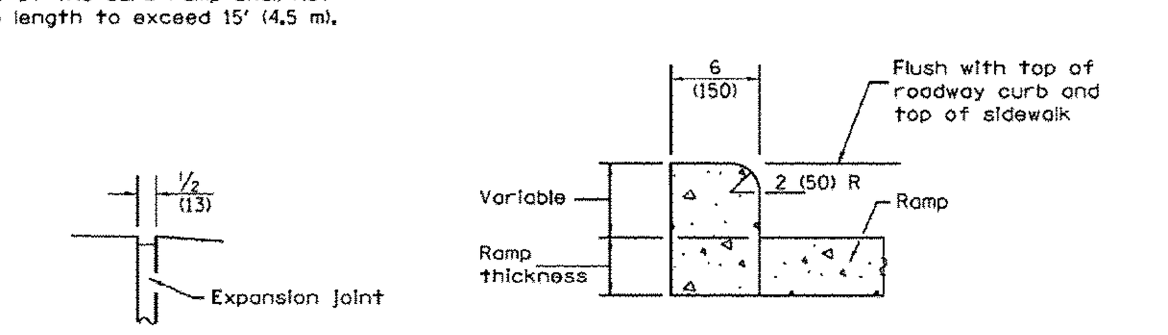


RAMPS IN LANDSCAPED AREA
SETBACK ≤ 5'

RAMPS IN PAVED AREA
SETBACK ≤ 5'

SECTION A-A
② The running slope of the curb ramp shall not require the ramp length to exceed 15' (4.5 m).

SECTION B-B
② The running slope of the curb ramp shall not require the ramp length to exceed 15' (4.5 m).



DETAIL A

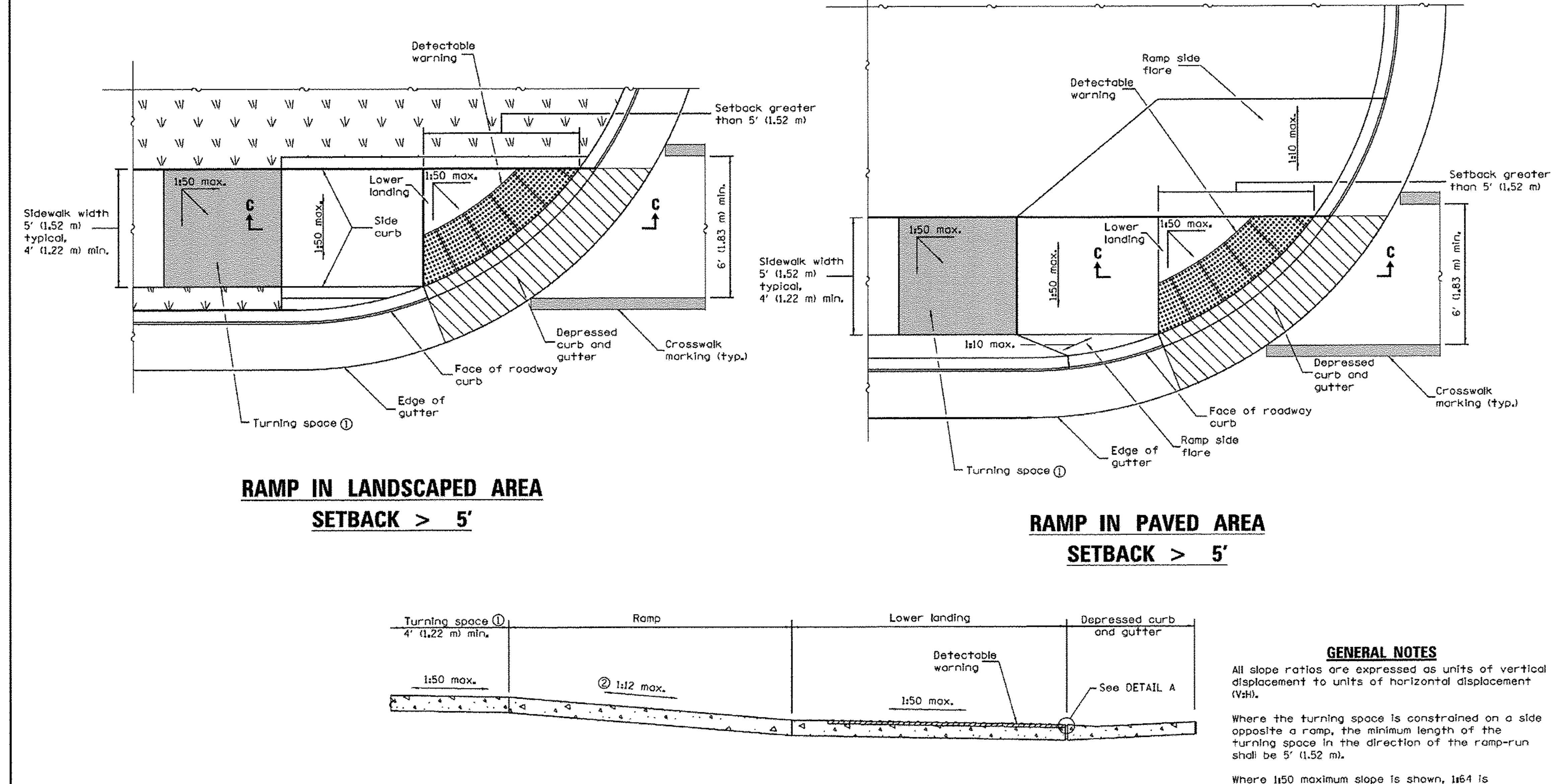
SIDE CURB DETAIL

See Sheet 2 for GENERAL NOTES.

DATE	REVISIONS
1-1-15	① not appl. to int. sidewalks.
	Rev. gen. notes. Ch'd Upper
	landing to Turning space.
1-1-13	Widened crosswalk markings
	to 6' (1.83 m) min. inside
	dimension. Rev. Gen. Notes.

Illinois Department of Transportation
PASSED January 1, 2015
ENGINEER OF POLICY AND PROCEDURES
APPROVED January 1, 2015
ENGINEER OF DESIGN AND ENVIRONMENT

PERPENDICULAR CURB RAMPS FOR SIDEWALKS
(Sheet 1 of 2)
STANDARD 424001-08



RAMP IN LANDSCAPED AREA
SETBACK > 5'

RAMP IN PAVED AREA
SETBACK > 5'

SECTION C-C
① Turning space not required for ramp slopes flatter than 1:20.
② The running slope of the curb ramp shall not require the ramp length to exceed 15' (4.5 m).

GENERAL NOTES

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

Where the turning space is constrained on a side opposite a ramp, the minimum length of the turning space in the direction of the ramp-run shall be 5' (1.52 m).

Where 1:50 maximum slope is shown, 1:64 is preferred.

See Standard 606001 for details of depressed curb adjacent to curb ramp.

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

Illinois Department of Transportation
PASSED January 1, 2015
ENGINEER OF POLICY AND PROCEDURES
APPROVED January 1, 2015
ENGINEER OF DESIGN AND ENVIRONMENT

PERPENDICULAR CURB RAMPS FOR SIDEWALKS
(Sheet 2 of 2)
STANDARD 424001-08

FILE LOCATION=
X:\Projects\City\Current\12-00348-00-BT DHS SHARED PATH\CIVIL\CONSTRUCTION\DETAILS.DGN

DESIGNED	- ENC	REVISED	-
DRAWN	- COD	REVISED	-
CHECKED	- RDS	REVISED	-
DATE	- 8/31/2016	REVISED	-

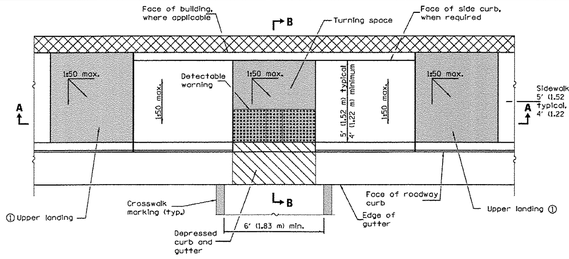
CITY OF DANVILLE, 17 WEST MAIN STREET
DANVILLE, ILLINOIS 61832
TELEPHONE: 217.431.2400

DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

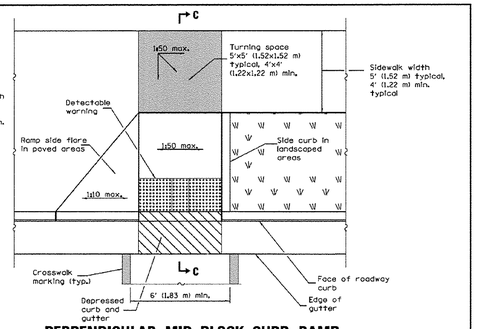
DANVILLE HIGH SCHOOL SHARED USE PATH
STANDARDS & DISTRICT 5 CADD DETAILS IV

SCALE: NTS

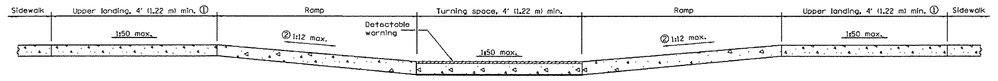
RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
*	12-00348-00-BT	Vermilion	94	76
CONTRACT NUMBER 91498				



PARALLEL MID-BLOCK CURB RAMP



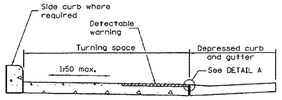
PERPENDICULAR MID-BLOCK CURB RAMP



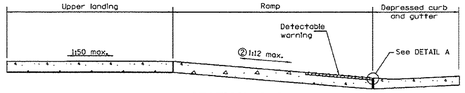
SECTION A–A

① Upper landing(s) not required for ramp slopes flatter than 1:20.

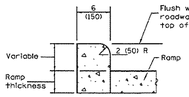
② The running slope of the curb ramp shall not require the ramp length to exceed 15' (4.5 m).



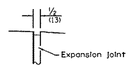
SECTION B–B



SECTION C–C



SIDE CURB DETAIL



DETAIL A

GENERAL NOTES

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

Where the turning space is constrained on a side opposite a ramp, the minimum length of the turning space in the direction of the ramp-run shall be 5' (1.52 m).

Where 1:50 maximum slope is shown, 1:64 is preferred.

See Standard 606001 for details of depressed curb adjacent to curb ramp.

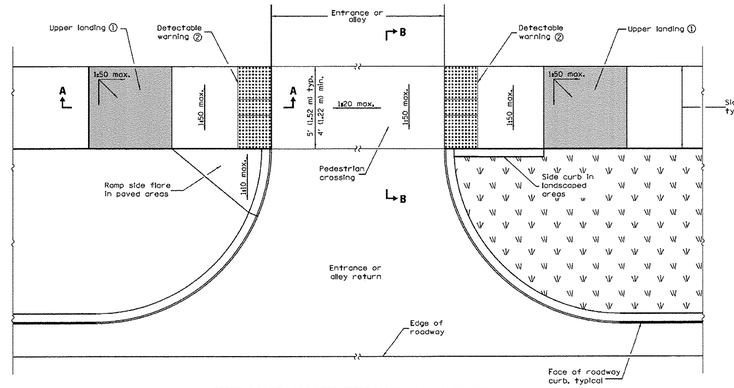
All dimensions are in inches (millimeters) unless otherwise shown.

DATE	REVISIONS
1-1-15	Changed 'Lower landing' to 'Turning space'. Added
	note ②. Rev. Gen. Notes.
1-1-13	Widened crosswalk markings
	to 6' (1.83 m) min. inside
	dimension. Rev. Gen. Notes.

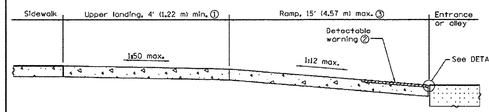
MID-BLOCK CURB RAMPS FOR SIDEWALKS

STANDARD 424016-02

Illinois Department of Transportation
PASSED January 1, 2015
ENGINEER OF POLICY AND PROCEDURES
APPROVED January 1, 2015
ENGINEER OF DESIGN AND ENVIRONMENT
12-1-1 ISSUED

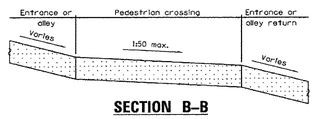


ENTRANCE /ALLEY PEDESTRIAN CROSSING

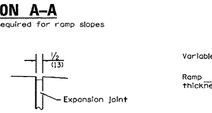


SECTION A–A

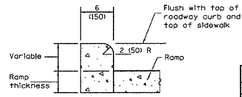
① Upper landing not required for ramp slopes flatter than 1:20.



SECTION B–B



DETAIL A



SIDE CURB DETAIL

GENERAL NOTES

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

Where 1:50 maximum slope is shown, 1:64 is preferred.

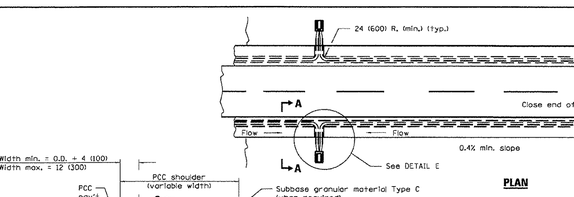
All dimensions are in inches (millimeters) unless otherwise shown.

DATE	REVISIONS
1-1-13	Revised General Notes.
1-1-12	New standard.

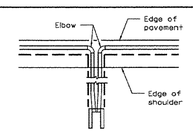
ENTRANCE / ALLEY PEDESTRIAN CROSSINGS

STANDARD 424026-01

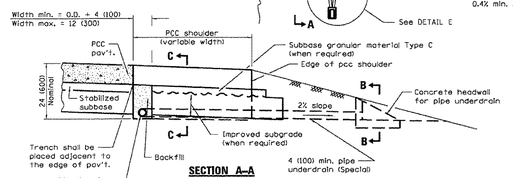
Illinois Department of Transportation
PASSED January 1, 2013
ENGINEER OF POLICY AND PROCEDURES
APPROVED January 1, 2013
ENGINEER OF DESIGN AND ENVIRONMENT
12-1-1 ISSUED



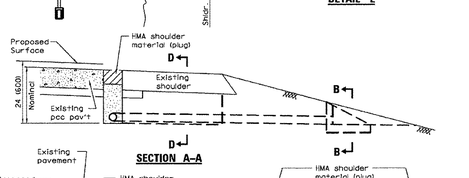
PLAN



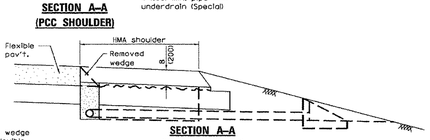
DETAIL E



SECTION A–A (PCC SHOULDER)

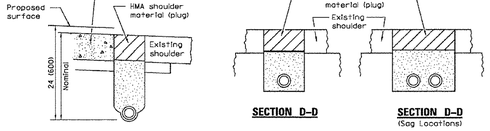


SECTION A–A



SECTION A–A (HMA SHOULDER)

(Dimensions and notes not shown shall be as shown in the above Section A-A)

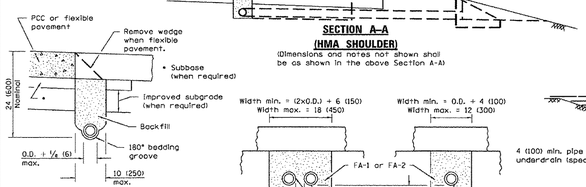


TRENCH FOR CORRUGATED POLYETHYLENE TUBING ALTERNATE

SECTION D–D

SECTION D–D

(Sag Locations)

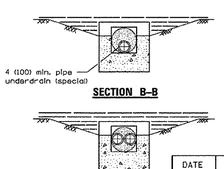


TRENCH FOR CORRUGATED POLYETHYLENE TUBING ALTERNATE

SECTION C–C (Sag locations)

SECTION C–C

NEW CONSTRUCTION



SECTION B–B

SECTION B–B (Sag locations)

EXISTING CONSTRUCTION

(Except as noted or shown, dimensions and notes specified for Existing Construction are the same as those of New Construction)

GENERAL NOTES

See Standard 601101 for details of concrete headwall.

See Standards 482001, 482006 and 483001 for details of shoulders not shown.

The 24 (600) radius on the drainage fitting is only a minimum. Larger radii meeting the approval of the Engineer may be substituted.

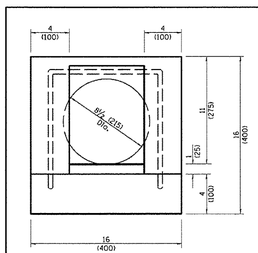
All dimensions are in inches (millimeters) unless otherwise shown.

DATE	REVISIONS
4-1-16	Renamed standard. Omitted
	drainage mat option.
1-1-11	Added 'PCC' and 'HMA'
	to SECTION A-A titles
	on Sheet 2.

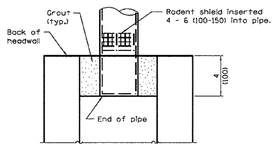
PIPE UNDERDRAINS

STANDARD 601001-05

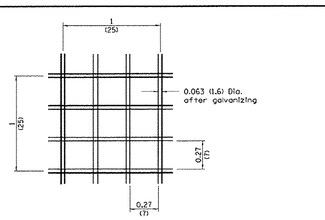
Illinois Department of Transportation
PASSED April 1, 2016
ENGINEER OF POLICY AND PROCEDURES
APPROVED April 1, 2016
ENGINEER OF DESIGN AND ENVIRONMENT
12-1-1 ISSUED



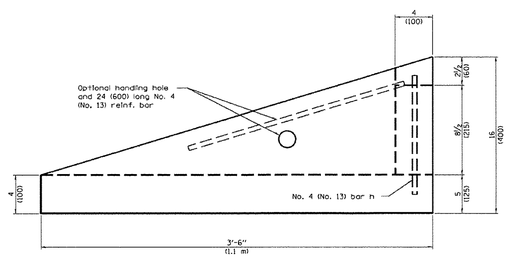
FRONT VIEW



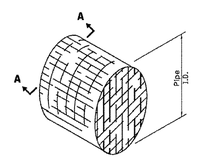
RODENT SHIELD PLACEMENT



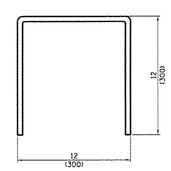
SECTION A–A



SIDE VIEW



DETAIL OF RODENT SHIELD



BAR h

GENERAL NOTES

An alternate paved invert meeting the approval of the Engineer may be substituted for that shown in side view.

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

DATE	REVISIONS
4-1-16	Renamed standard to be
	consistent with specs and
	other standards.
1-1-09	Switched units to
	English (metric).

CONCRETE HEADWALL FOR PIPE UNDERDRAINS

STANDARD 601101-02

Illinois Department of Transportation
PASSED April 1, 2016
ENGINEER OF POLICY AND PROCEDURES
APPROVED April 1, 2016
ENGINEER OF DESIGN AND ENVIRONMENT
12-1-1 ISSUED

FILE LOCATION=
X:\Projects\City\Current\12-00348-00-BT DHS SHARED PATH\CIVIL\CONSTRUCTION\DETAILS.DGN

DESIGNED	ENC	REVISED	-
DRAWN	COD	REVISED	-
CHECKED	RDS	REVISED	-
DATE	8/31/2016	REVISED	-

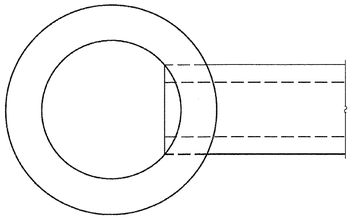
CITY OF DANVILLE, 17 WEST MAIN STREET
DANVILLE, ILLINOIS 61832
TELEPHONE 217.431.2400

DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

DANVILLE HIGH SCHOOL SHARED USE PATH
STANDARDS & DISTRICT 5 CADD DETAILS V

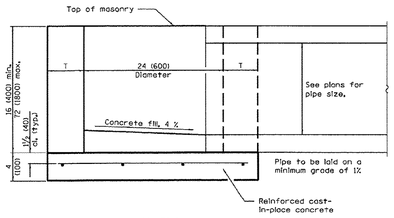
SCALE: NTS

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
*	12-00348-00-BT	Vermilion	94	77
	CONTRACT NUMBER 91498			

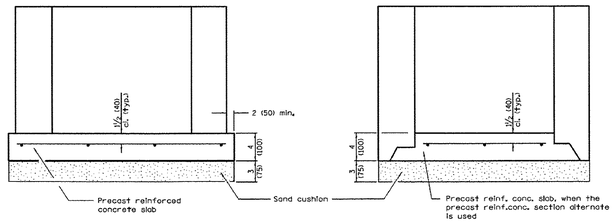


PLAN

ALTERNATE MATERIALS FOR WALLS	T
BRICK MASONRY	8 (200)
CAST-IN-PLACE CONCRETE	6 (150)
CONCRETE MASONRY UNIT	5 (125)
PRECAST REINFORCED CONCRETE SECTION	3 (75)



ELEVATION



ALTERNATE METHODS

GENERAL NOTES

Bottom slabs shall be reinforced with a minimum of 0.24 sq. in./ft. (510 sq. mm/m) in both directions with a maximum spacing of 10 (250).

Bottom slabs may be connected to the riser as determined by the fabricators however, only a single row of reinforcement around the perimeter may be utilized.

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

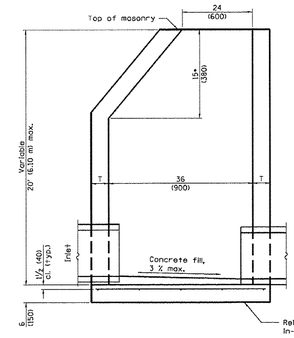
Illinois Department of Transportation
PASSED January 1, 2014
ENGINEER OF POLICY AND PROCEDURES
APPROVED January 1, 2014
ENGINEER OF DESIGN AND ENVIRONMENT
IDOT 1-1-11 602301

DATE	REVISIONS
1-1-14	Increased height to 72 (1800) maximum.
1-1-11	Detailed rein. in slabs.
	Added max. limit to height.
	Added general notes.

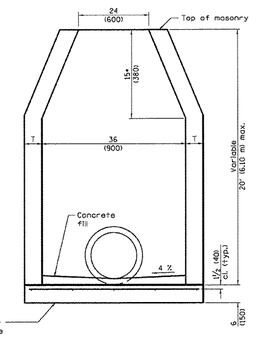
INLET – TYPE A

STANDARD 602301-04

* For precast reinforced concrete sections, this dimension may vary from the dimension given to plus 6 (150).

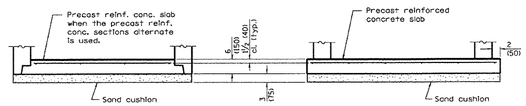


ELEVATION – ECCENTRIC



ELEVATION – CONCENTRIC

ALTERNATE MATERIALS FOR WALLS	T (min.)
Concrete Masonry Unit	5 (125)
Brick Masonry	8 (200)
Precast Reinforced Concrete Section	3 (75)
Cast-in-Place Concrete	6 (150)



ALTERNATE BOTTOM SLAB

GENERAL NOTES

Bottom slabs shall be reinforced with a minimum of 0.20 sq. in./ft. (420 sq. mm/m) in both directions with a maximum spacing of 12 (300).

Bottom slabs may be connected to the riser as determined by the fabricators however, only a single row of reinforcement around the perimeter may be utilized.

See Standard 602601 for optional Precast Reinforced Concrete Flat Slab Top.

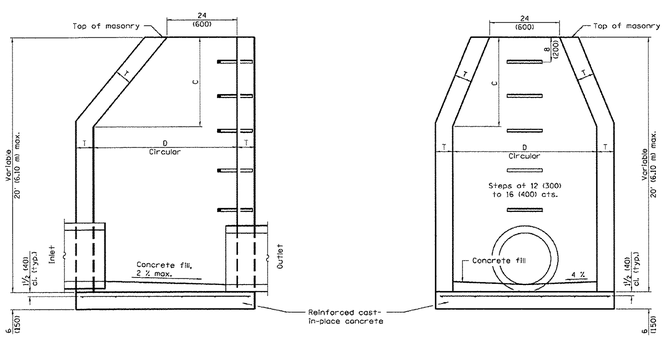
All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation
PASSED January 1, 2011
ENGINEER OF POLICY AND PROCEDURES
APPROVED January 1, 2011
ENGINEER OF DESIGN AND ENVIRONMENT
IDOT 1-1-11 602306

DATE	REVISIONS
1-1-11	Detailed rein. in slabs.
	Added max. limit to height.
	Revised general notes.
1-1-09	Switched units to English (metric).

INLET – TYPE B

STANDARD 602306-03

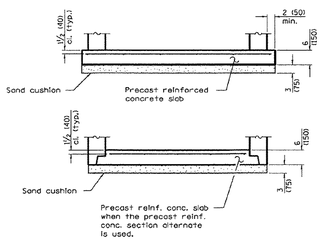


ELEVATION – ECCENTRIC

ELEVATION – CONCENTRIC

ALTERNATE MATERIALS FOR WALLS	D	C*	T (min.)
Concrete Masonry Unit	4'-0" (1.2 m) 5'-0" (1.5 m)	30 (750) 3'-9" (1.15 m)	5 (125) 5 (125)
Brick Masonry	4'-0" (1.2 m) 5'-0" (1.5 m)	30 (750) 3'-9" (1.15 m)	8 (200) 8 (200)
Precast Reinforced Concrete Section	4'-0" (1.2 m) 5'-0" (1.5 m)	30 (750) 3'-9" (1.15 m)	4 (100) 5 (125)
Cast-in-place Concrete	4'-0" (1.2 m) 5'-0" (1.5 m)	30 (750) 3'-9" (1.15 m)	6 (150) 6 (150)

* For precast reinforced concrete sections, dimension "C" may vary from the dimension given to plus 6 (150).



ALTERNATE BOTTOM SLAB

GENERAL NOTES

Bottom slabs shall be reinforced with a minimum of 0.31 sq. in./ft. (660 sq. mm/m) in both directions with a maximum spacing of 12 (300).

Bottom slabs may be connected to the riser as determined by the fabricator; however, only a single row of reinforcement around the perimeter may be utilized.

See Standard 602701 for details of steps.

See Standard 602601 for optional Precast Reinforced Concrete Flat Slab Top.

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

Illinois Department of Transportation
PASSED January 1, 2011
ENGINEER OF POLICY AND PROCEDURES
APPROVED January 1, 2011
ENGINEER OF DESIGN AND ENVIRONMENT
IDOT 1-1-11 602401

DATE	REVISIONS
1-1-11	Detailed rein. in slabs.
	Added max. limit to height.
	Revised general notes.
1-1-09	Switched units to English (metric).

MANHOLE TYPE A

STANDARD 602401-03

FILE LOCATION = J:\Projects\City\Current\12-00348-00-BT DHS SHARED PATH\CIVIL\CONSTRUCTION\DETAILS.DGN

DESIGNED	- ENC	REVISED	-
DRAWN	- COD	REVISED	-
CHECKED	- RDS	REVISED	-
DATE	- 8/31/2016	REVISED	-

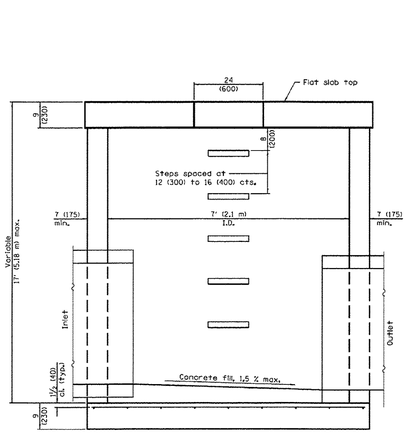
CITY OF DANVILLE, 17 WEST MAIN STREET
DANVILLE, ILLINOIS 61832
TELEPHONE: 217.431.2400

DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

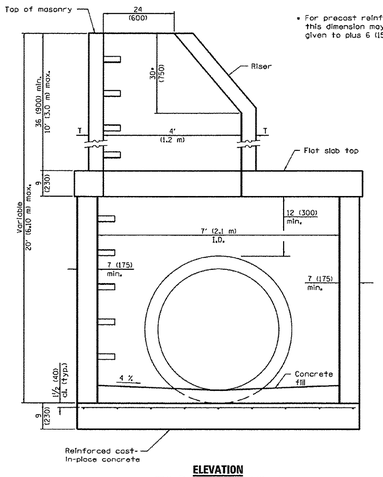
DANVILLE HIGH SCHOOL SHARED USE PATH
STANDARDS & DISTRICT 5 CADD DETAILS VI

SCALE: NTS

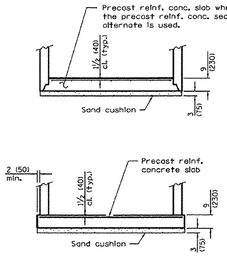
RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
*	12-00348-00-BT	Vermilion	94	78
	CONTRACT NUMBER 91498			



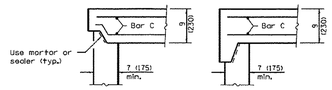
ELEVATION
(With Flat Slab Top Only)



ELEVATION
(With Flat Slab Top and Riser)



ALTERNATE BOTTOM SLABS



ALTERNATE JOINT CONFIGURATIONS

ALTERNATE MATERIALS FOR RISER WALLS	T (min)
Concrete Masonry Units	5 (125)
Precast Reinforced Concrete Sections	4 (100)
Cast-In-Place Concrete	6 (150)

GENERAL NOTES

Joint configuration and dimensions of flat slab top shall match and fit the riser joint detail.

Bottom slabs shall be reinforced with a minimum of 0.31 sq. in./ft. (660 sq. mm/m) in both directions with a maximum spacing of 12 (300).

Bottom slabs may be connected to the riser as determined by the fabricator; however, only a single row of reinforcement around the perimeter may be utilized.

See Standard 602701 for details of manhole steps.

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

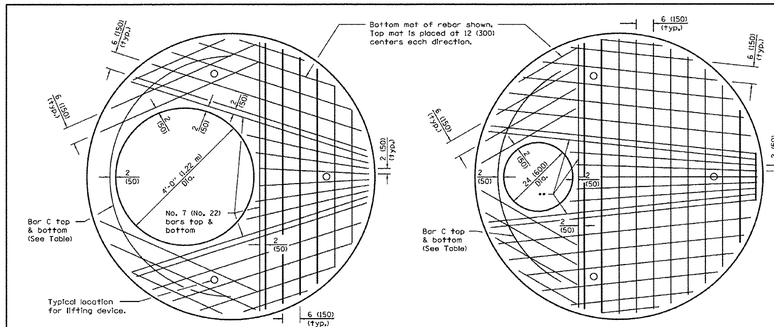
Illinois Department of Transportation
PASSED April 1, 2016
ENGINEER OF POLICY AND PROCEDURES
APPROVED April 1, 2016
ENGINEER OF BUREAU OF ROADWAY STANDARDS

DATE	REVISIONS
4-1-16	Changed terminology to 'welded wire reinforcement'.
1-1-14	Increased maximum heights.
	Revised General Notes.

MANHOLE TYPE A
7' (2.1 m) DIAMETER

(Sheet 1 of 2)

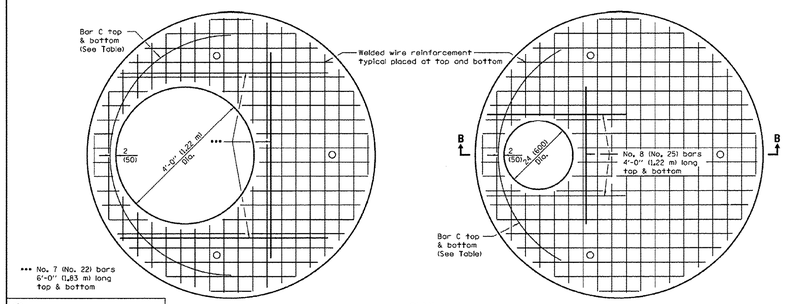
STANDARD 602411-05



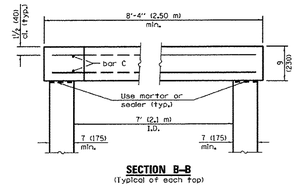
PLAN
Showing Rebar Reinforcement

Diameter of opening	Reinforcement Bar Size	Reinforcement "As" WWR each direction	No. 4 (No. 13) Bar C Length	Radius
24 (600)	Bottom mat No. 8 (No. 25)	Bottom mat •••• 1.57 sq. in./ft. (3325 sq. mm/m)	7'-6" (2.30 m)	3'-6" (1.067 m)
	Top mat No. 4 (No. 13)	Top mat •••• 0.20 sq. in./ft. (425 sq. mm/m)		
4'-0" (1.2 m)	Bottom mat No. 7 (No. 22)	Bottom mat •••• 1.20 sq. in./ft. (2540 sq. mm/m)	11'-0" (3.35 m)	3'-6" (1.067 m)
	Top mat No. 4 (No. 13)	Top mat •••• 0.20 sq. in./ft. (425 sq. mm/m)		

•••• A maximum of two layers of welded wire reinforcement may be used to satisfy the required "As" for each mat.



PLAN
Showing Welded Wire Reinforcement



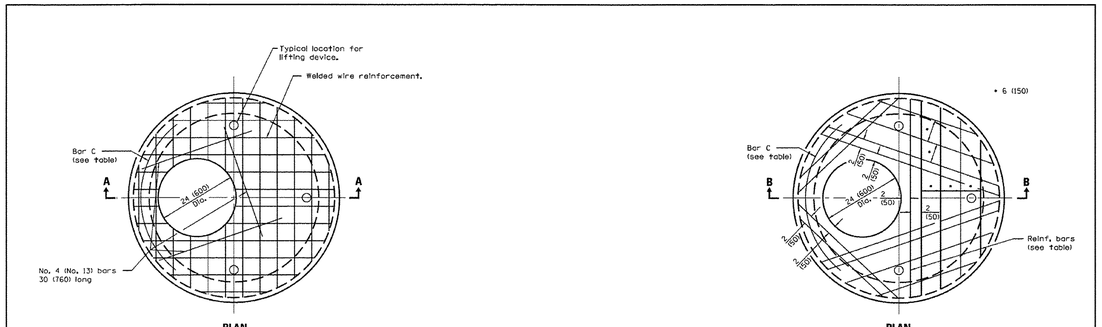
SECTION B–B
(Typical of each Top)

Illinois Department of Transportation
PASSED April 1, 2016
ENGINEER OF POLICY AND PROCEDURES
APPROVED April 1, 2016
ENGINEER OF BUREAU OF ROADWAY STANDARDS

MANHOLE TYPE A
7' (2.1 m) DIAMETER

(Sheet 2 of 2)

STANDARD 602411-04



TABLE

D	T	D_o (min.)	t	Reinforcement "As" W.W.R. each direction	@ Bar size	No. 4 (No. 13) Bar C Length	Radius
36 (900)	See applicable Standards	D + 2T	6 (150)	0.20 sq. in./ft. (425 sq. mm/m)	No. 4 (No. 13)	4'-0" (1.2 m)	19 (480)
4'-0" (1.2 m)			6 (150)	0.35 sq. in./ft. (740 sq. mm/m)	No. 5 (No. 16)	4'-6" (1.35 m)	26 (660)
5'-0" (1.5 m)			8 (200)	0.35 sq. in./ft. (740 sq. mm/m)	No. 5 (No. 16)	5'-0" (1.5 m)	32 (810)

GENERAL NOTES

The flat slab top may be used in lieu of the tapered tops shown on Standards 602001, 602011, 602016, 602306, 602401, or 602501 at the option of the Contractor or when field conditions prohibit the use of tapered tops.

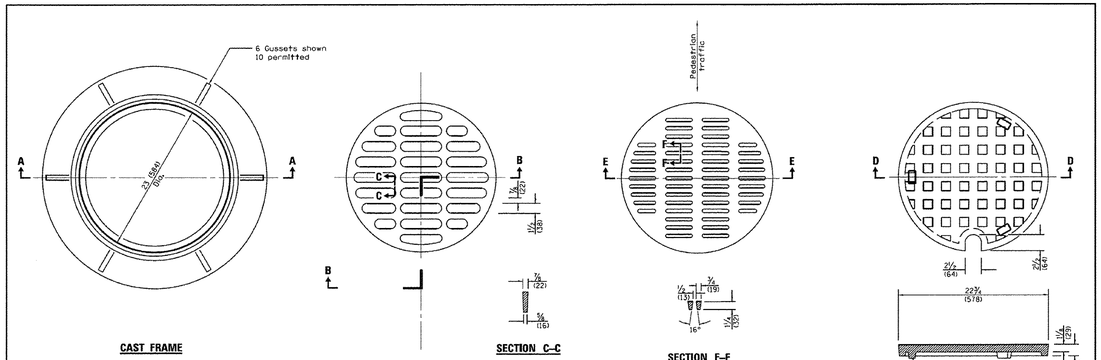
All dimensions are in millimeters (inches) unless otherwise shown.

Illinois Department of Transportation
PASSED January 1, 2015
ENGINEER OF POLICY AND PROCEDURES
APPROVED January 1, 2015
ENGINEER OF BUREAU OF ROADWAY STANDARDS

DATE	REVISIONS
4-1-16	Changed terminology to
	'welded wire reinforcement'.
1-1-14	Omitted detail for lifting
	hole or lifting loop.

PRECAST REINFORCED CONCRETE FLAT SLAB TOP

STANDARD 602601-04



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

Illinois Department of Transportation
PASSED January 1, 2015
ENGINEER OF POLICY AND PROCEDURES
APPROVED January 1, 2015
ENGINEER OF BUREAU OF ROADWAY STANDARDS

DATE	REVISIONS
1-1-15	Revised dimensioning of
	frame. Added ADA compliant
	open lid.
1-1-09	Switched units to
	English (metric).

FRAME AND LIDS TYPE 1

STANDARD 604001-04

FILE LOCATION = X:\Projects\City\Current\12-00348-00-BT DHS SHARED PATH\CIVIL\CONSTRUCTION\DETAILS.DGN

DESIGNED	- ENC	REVISED	-
DRAWN	- COD	REVISED	-
CHECKED	- RDS	REVISED	-
DATE	- 8/31/2016	REVISED	-

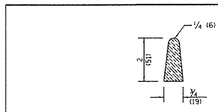
CITY OF DANVILLE, 17 WEST MAIN STREET
DANVILLE, ILLINOIS 61832
TELEPHONE 217.431.2400

DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

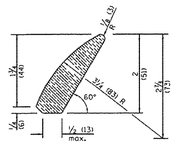
DANVILLE HIGH SCHOOL SHARED USE PATH STANDARDS & DISTRICT 5 CADD DETAILS VII

SCALE: NTS

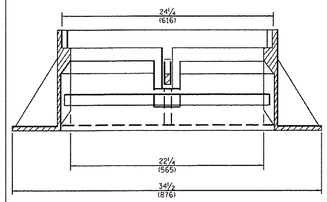
RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEET SHEETS NO.
•	12-00348-00-BT	Vermilion	94 79
	CONTRACT NUMBER 91498		



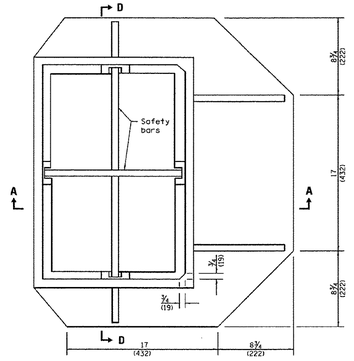
DETAIL A



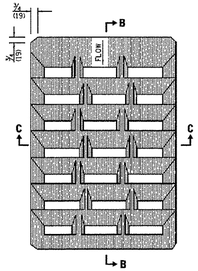
DETAIL B



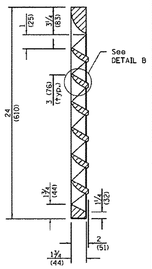
SECTION D–D



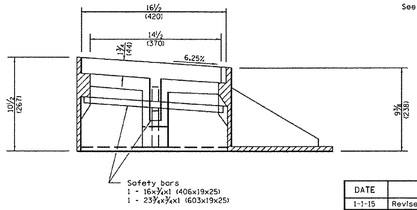
PLAN – FRAME



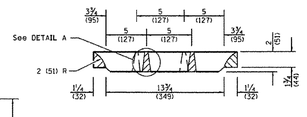
GRATE



SECTION B–B



SECTION A–A



SECTION C–C

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

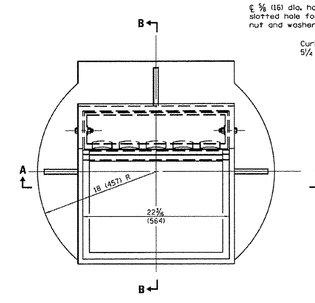
Illinois Department of Transportation

PASSED January 1, 2015
ENGINEER OF POLICY AND PROCEDURES
APPROVED January 1, 2015
ENGINEER OF DESIGN AND ENVIRONMENT

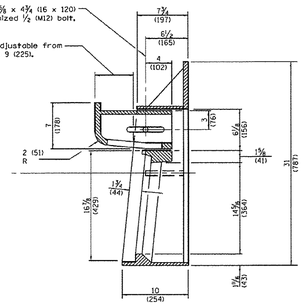
DATE	REVISIONS
1-1-15	Revised dimensions of frame.
1-1-09	Switched units to English (metric).

FRAME AND GRATE TYPE 23

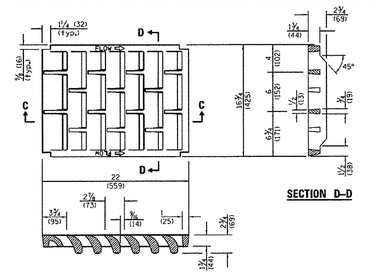
STANDARD 604086-03



CAST FRAME



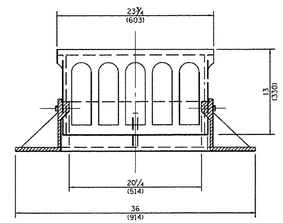
SECTION B–B



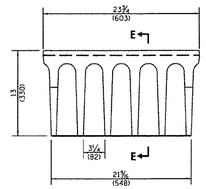
SECTION D–D

SECTION C–C

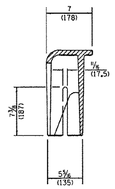
CAST GRATE



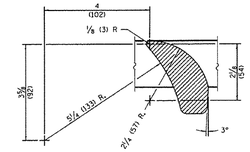
SECTION A–A



ALTERNATE CURB BOX



SECTION E–E



VANE DETAIL

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

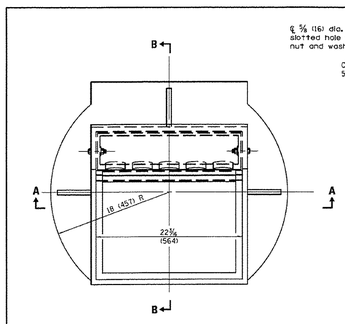
Illinois Department of Transportation

PASSED January 1, 2015
ENGINEER OF POLICY AND PROCEDURES
APPROVED January 1, 2015
ENGINEER OF DESIGN AND ENVIRONMENT

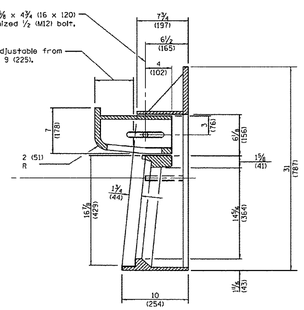
DATE	REVISIONS
1-1-15	Revised dimensions of frame and alternate curb box.
1-1-09	Switched units to English (metric).

FRAME AND GRATE TYPE 3V

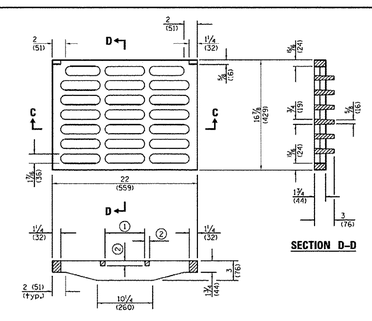
STANDARD 604011-05



CAST FRAME



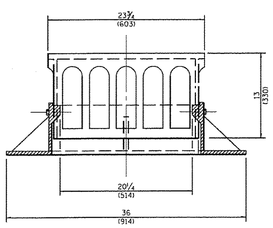
SECTION B–B



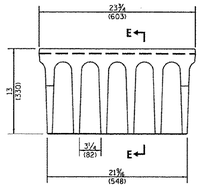
SECTION D–D

SECTION C–C
① = 6 (152) typ.
② = 3/4 (19) typ.

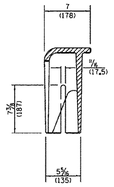
CAST GRATE



SECTION A–A



ALTERNATE CURB BOX



SECTION E–E

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

Illinois Department of Transportation

PASSED January 1, 2015
ENGINEER OF POLICY AND PROCEDURES
APPROVED January 1, 2015
ENGINEER OF DESIGN AND ENVIRONMENT

DATE	REVISIONS
1-1-15	Revised dimensions of frame and alternate curb box.
1-1-09	Switched units to English (metric).

FRAME AND GRATE TYPE 3

STANDARD 604006-05

FILE LOCATION = X:\Projects\City\Current\12-00348-00-BT DHS SHARED PATH\CIVIL\CONSTRUCTION\DETAILS.DGN

DESIGNED	- ENC	REVISED	-
DRAWN	- COD	REVISED	-
CHECKED	- RDS	REVISED	-
DATE	- 8/31/2016	REVISED	-

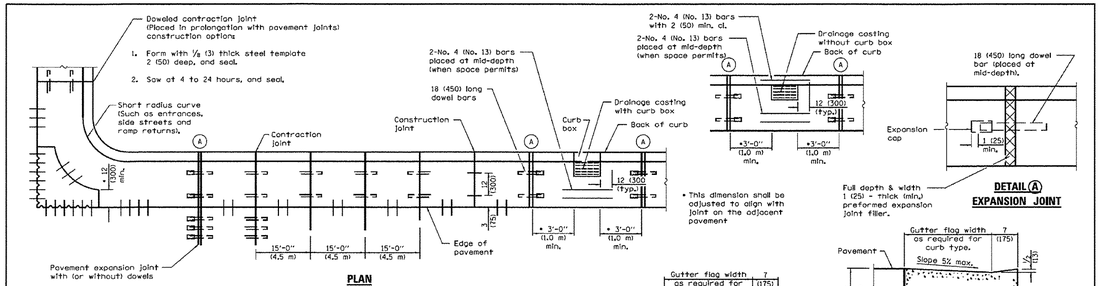
CITY OF DANVILLE, 17 WEST MAIN STREET
DANVILLE, ILLINOIS 61832
TELEPHONE: 217.431.2400

DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

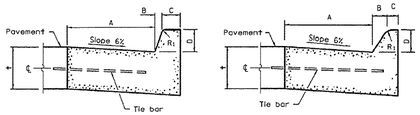
DANVILLE HIGH SCHOOL SHARED USE PATH
STANDARDS & DISTRICT 5 CADD DETAILS VIII

SCALE: NTS

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
*	12-00348-00-BT	Vermilion	94	80
	CONTRACT NUMBER 91498			



PLAN
ADJACENT TO PCC PAVEMENT OR PCC BASE COURSE



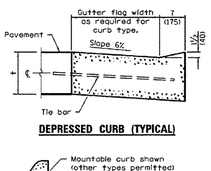
BARRIER CURB

MOUNTABLE CURB

TABLE OF DIMENSIONS BARRIER CURB					
TYPE	A	B	C	D	R_1
B-6.06 * (B-15.15)	6 (150)	1 (25)	6 (150)	6 (150)	1 (25)
B-6.12 (B-15.3)	12 (300)	1 (25)	6 (150)	6 (150)	1 (25)
B-6.18 (B-15.45)	18 (450)	1 (25)	6 (150)	6 (150)	1 (25)
B-6.24 (B-15.60)	24 (600)	1 (25)	6 (150)	6 (150)	1 (25)
B-9.12 (B-22.30)	12 (300)	2 (50)	5 (125)	9 (225)	1 (25)
B-9.18 (B-22.45)	18 (450)	2 (50)	5 (125)	9 (225)	1 (25)
B-9.24 (B-22.60)	24 (600)	2 (50)	5 (125)	9 (225)	1 (25)

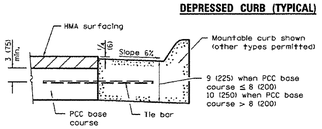
* For corner islands only.

TABLE OF DIMENSIONS MOUNTABLE CURB						
TYPE	A	B	C	D	R_1	R_2
M-2.06 (M-5.15)	6 (150)	2 (50)	4 (100)	2 (50)	3 (75)	2 (50)
M-2.12 (M-5.30)	12 (300)	2 (50)	4 (100)	2 (50)	3 (75)	2 (50)
M-4.06 (M-10.15)	6 (150)	4 (100)	3 (75)	4 (100)	3 (75)	NA
M-4.12 (M-10.30)	12 (300)	4 (100)	3 (75)	4 (100)	3 (75)	NA
M-4.18 (M-10.45)	18 (450)	4 (100)	3 (75)	4 (100)	3 (75)	NA
M-4.24 (M-10.60)	24 (600)	4 (100)	3 (75)	4 (100)	3 (75)	NA
M-6.06 (M-15.15)	6 (150)	6 (150)	2 (50)	6 (150)	2 (50)	NA
M-6.12 (M-15.30)	12 (300)	6 (150)	2 (50)	6 (150)	2 (50)	NA
M-6.18 (M-15.45)	18 (450)	6 (150)	2 (50)	6 (150)	2 (50)	NA
M-6.24 (M-15.60)	24 (600)	6 (150)	2 (50)	6 (150)	2 (50)	NA

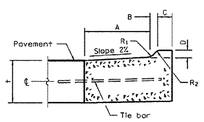


DEPRESSED CURB (TYPICAL)

DEPRESSED CURB ADJACENT TO CURB RAMP ACCESSIBLE TO THE DISABLED



ADJACENT TO PCC BASE COURSE WITH HMA SURFACING



M-2.06 (M-5.15) and M-2.12 (M-5.30)

GENERAL NOTES

The bottom slope of combination curb and gutter constructed adjacent to pcc pavement shall be the same slope as the subbase or 6% when subbase is omitted.

t = thickness of pavement.

Longitudinal joint tie bars shall be No. 6 (No. 19) at 24 (600) centers in accordance with details for longitudinal construction joint shown on Standard 420001.

A minimum clearance of 2 (50) between the end of the tie bar and the back of the curb shall be maintained.

The dowel bars shown in contraction joints will only be required for monolithic construction.

See Standard 606301 for details of corner islands.

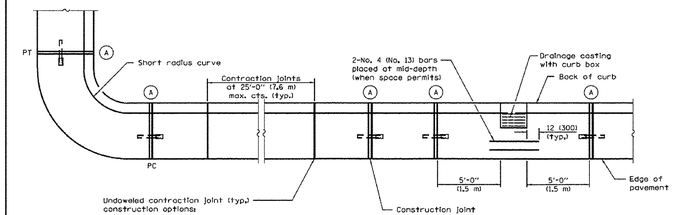
All dimensions are in inches (millimeters) unless otherwise shown.

DATE	REVISIONS
1-1-15	Added B-6.06 (B-15.15) barrier curb and gutter to table (corner islands only).
1-1-13	Added general note regarding requirement for dowel bars.

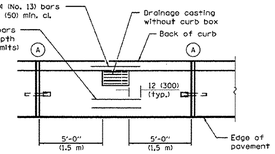
CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
(Sheet 1 of 2)

STANDARD 606001-06

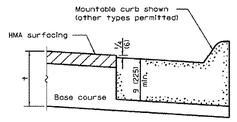
Illinois Department of Transportation
PASSED January 1, 2015
ENGINEER OF POLICY AND PROCEDURES
APPROVED January 1, 2015
ENGINEER OF DESIGN AND ENVIRONMENT
I.D.-11 607001



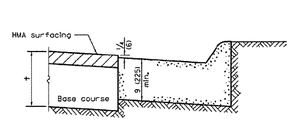
1. Form with 1/8 (3) thick steel template 2 (50) deep, and seal.
2. Saw 2 (50) deep at 4 to 24 hours, and seal.
3. Insert 3/4 (20) thick preformed joint filler full depth and width.



PLAN

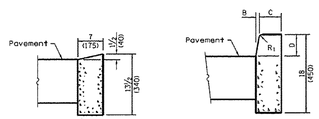


ON DISTURBED SUBGRADE



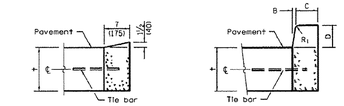
ON UNDISTURBED SUBGRADE

ADJACENT TO FLEXIBLE PAVEMENT



DEPRESSED CURB **BARRIER CURB**

ADJACENT TO FLEXIBLE PAVEMENT



DEPRESSED CURB **BARRIER CURB**

ADJACENT TO PCC PAVEMENT OR PCC BASE COURSE

CONCRETE CURB TYPE B

ADJACENT TO FLEXIBLE PAVEMENT

CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
(Sheet 2 of 2)

STANDARD 606001-06

Illinois Department of Transportation
PASSED January 1, 2015
ENGINEER OF POLICY AND PROCEDURES
APPROVED January 1, 2015
ENGINEER OF DESIGN AND ENVIRONMENT
I.D.-11 607001

FILE LOCATION=
X:\Projects\City\Current\12-00348-00-BT DHS SHARED PATH\CIVIL\CONSTRUCTION\DETAILS.DGN

DESIGNED	- ENC	REVISED	-
DRAWN	- COD	REVISED	-
CHECKED	- RDS	REVISED	-
DATE	- 8/31/2016	REVISED	-

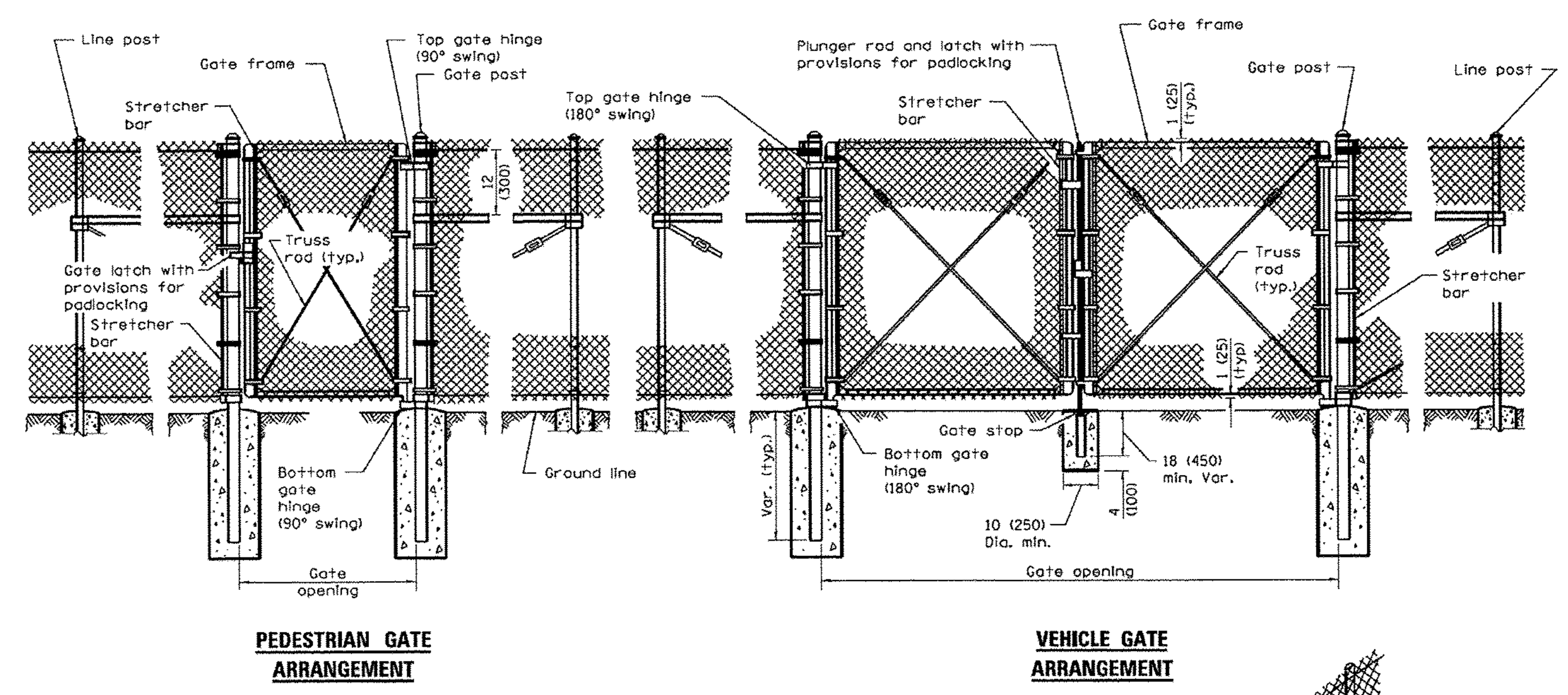
CITY OF DANVILLE, 17 WEST MAIN STREET
DANVILLE, ILLINOIS 61832
TELEPHONE: 217.431.2400

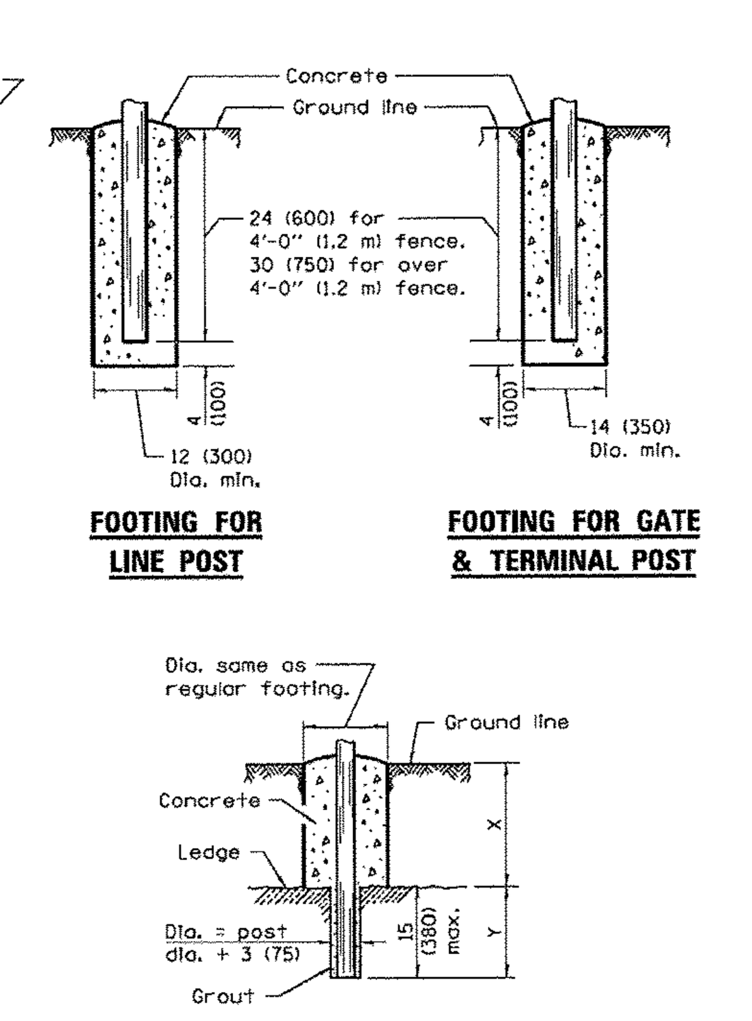
DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

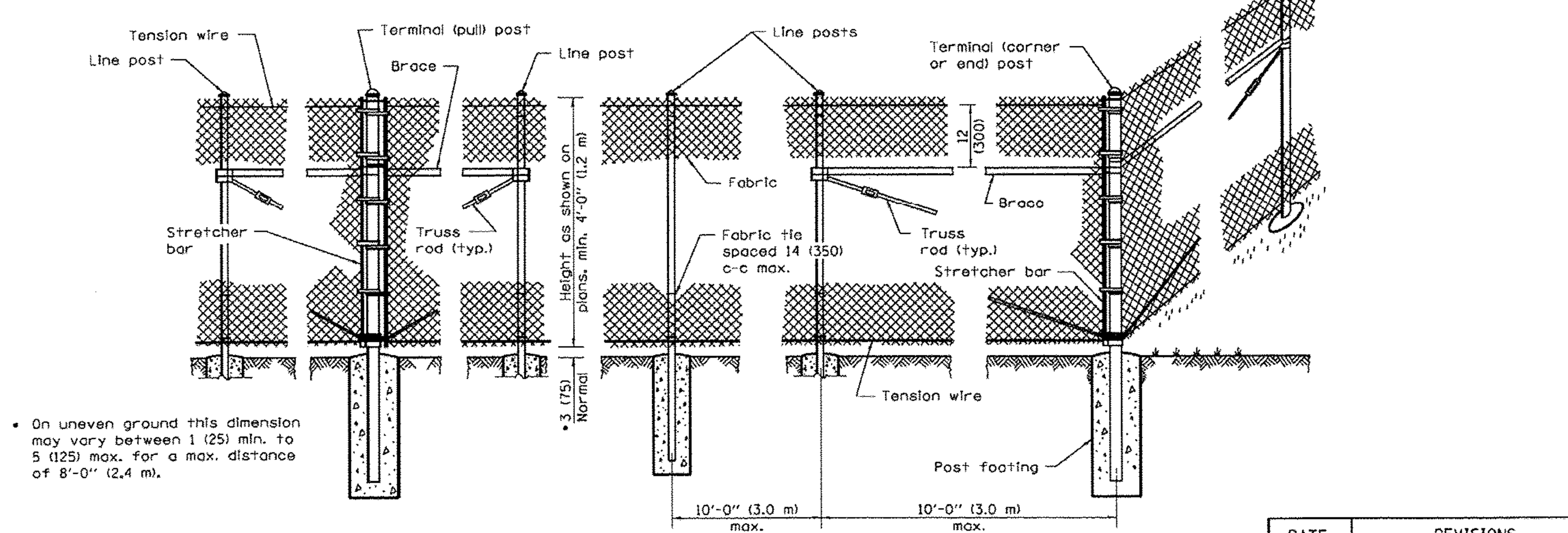
DANVILLE HIGH SCHOOL SHARED USE PATH STANDARDS & DISTRICT 5 CADD DETAILS IX

SCALE: NTS

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEET SHEETS NO.
•	12-00348-00-BT	Vermilion	94 81
	CONTRACT NUMBER 91498		







GENERAL NOTES

Pull posts shall be placed at locations determined by the Engineer. They shall be placed at 660' (200 m) intervals between posts to which the ends of the fabric are clamped or midway between such posts when the distance is less than 1320' (400 m) and greater than 660' (200 m).

X + Y shall not exceed 24 (600), 30 (750), or 36 (900), as applicable. When X is 0 - 9 (0 - 225), 15 (380), or 21 (525), then Y = 15 (375) and the post shall be shortened as required. When X exceeds 9 (225), 15 (380), or 21 (525), then Y shall be decreased correspondingly.

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

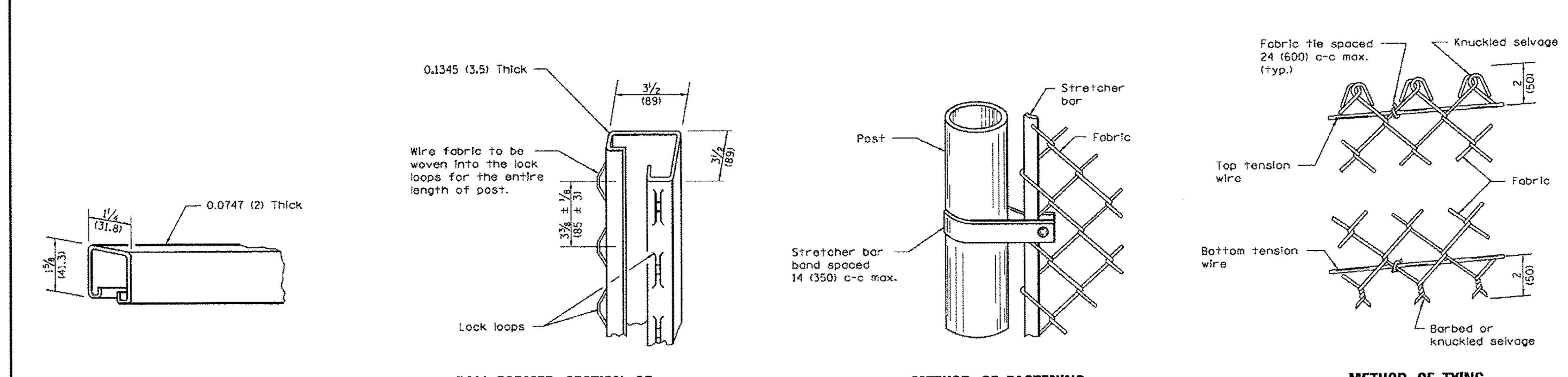
Illinois Department of Transportation
PASSED January 1, 2009
ENGINEER OF POLICY AND PROCEDURES
APPROVED January 1, 2009
ENGINEER OF DESIGN AND ENVIRONMENT
ISSUED 1-1-97

DATE	REVISIONS
1-1-09	Switched units to English (metric).
1-1-99	Rev. "pans" to "plans" in LINE POST ARRANGEMENT.

CHAIN LINK FENCE

(Sheet 1 of 3)

STANDARD 664001-02



LINE POST	
Section	lbs./ft. (kg/m)
Pipe Type A 1.90 (48.3) O.D.	2.72 (4.05)
Pipe Type B 1.90 (48.3) O.D.	2.28 (3.39)
Pipe Type C 1.90 (48.3) O.D.	2.26 (3.36)
H 1.875x1.625 (47.6x41.3)	2.72 (4.05)
⊏	1.60 (2.38)
I	2.30 (3.42)

TERMINAL POST	
Section	lbs./ft. (kg/m)
Pipe Type A 2.375 (60.3) O.D.	3.65 (5.43)
Pipe Type B 2.375 (60.3) O.D.	3.11 (4.63)
Pipe Type C 2.375 (60.3) O.D.	3.09 (4.60)
Roll Formed 3½x3½ (89.0x89.0)	See detail
Sq. Tubing 2½x2½ (63.5x63.5)	4.32 (6.43)

HORIZONTAL BRACES	
Section	lbs./ft. (kg/m)
Pipe Type A 1.66 (42.2) O.D.	2.27 (3.38)
Pipe Type B 1.66 (42.2) O.D.	1.83 (2.72)
Pipe Type C 1.66 (42.2) O.D.	1.82 (2.71)
H 1.31x1.5 (33.3x38.1)	2.25 (3.35)
Roll Formed 1⅝x1¼ (41.3x31.8)	See detail

GATE FRAMES	
Section	lbs./ft. (kg/m)
Pipe Type A 1.66 (42.2) O.D.	2.27 (3.38)
Pipe Type B 1.66 (42.2) O.D.	1.83 (2.72)
Pipe Type C 1.66 (42.2) O.D.	1.82 (2.71)

GATE POSTS •							
Gate Opening • ft. (m)		Pipe Type A		Sq. Tubing		Pipe Type B	
Single	Double	Size (O.D.)	lbs./ft. (kg/m)	Size	lbs./ft. (kg/m)	Size (O.D.)	kg/m (lbs./ft.)
Up to 4 (1.2)	Up to 8 (2.5)	2.375 (60.3)	3.65 (5.43)	2½ (63.5)	4.32 (6.43)	2.375 (60.3)	3.11 (4.63)
Over 4 (1.2) to 8 (2.5)	Over 8 (2.5) to 16 (5.0)	2.875 (73.0)	5.79 (8.62)	3 (76.2)	5.78 (8.60)	2.875 (73.0)	4.64 (6.91)
Over 8 (2.5) to 12 (3.6)	Over 16 (5.0) to 24 (7.4)	3.5 (89.0)	7.58 (11.28)	3 (76.2)	8.80 (13.10)	3.5 (89)	5.707 (8.49)

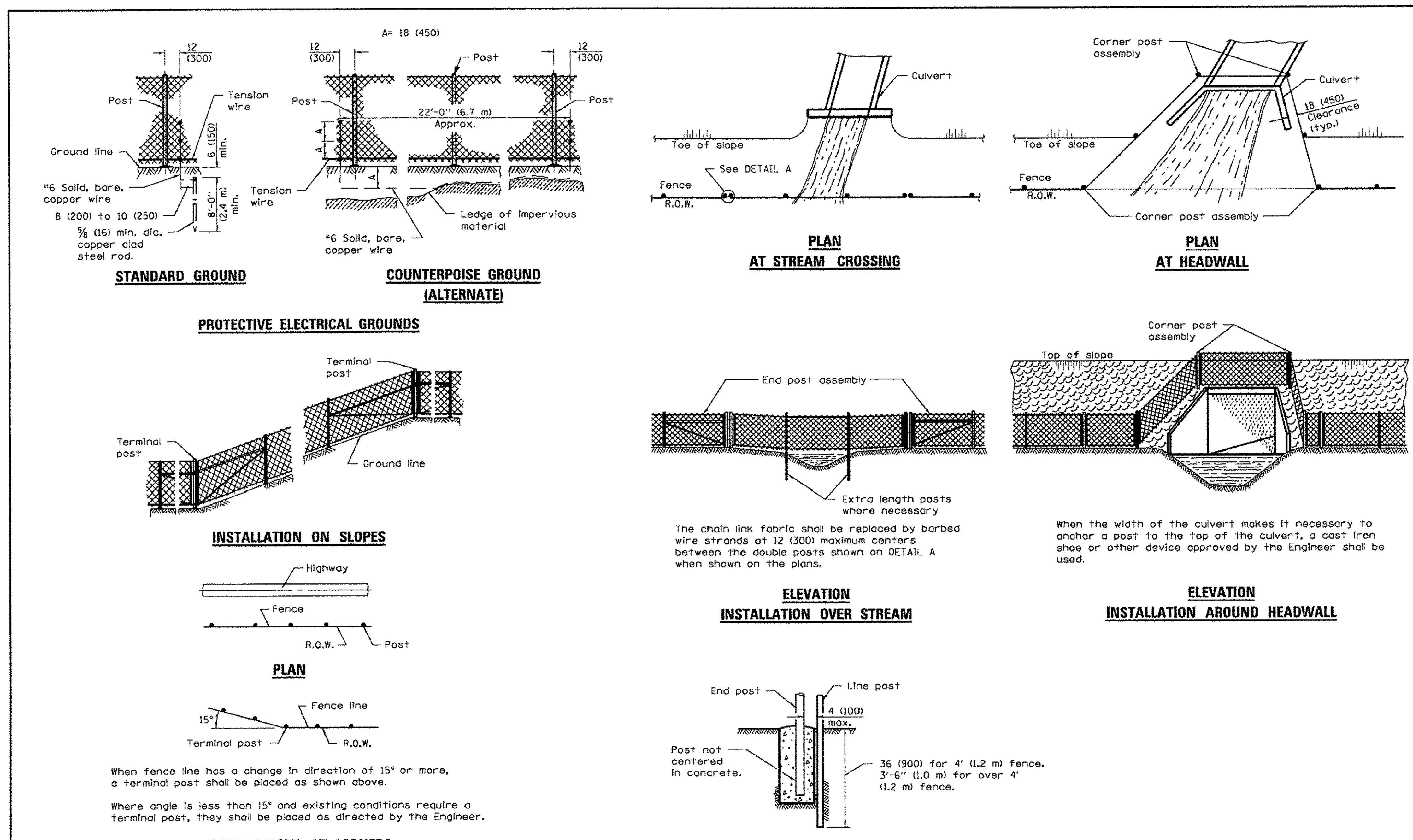
• The 3½ x 3½ (89.0 x 89.0) roll formed section as detailed may be used as gate posts for single gate up to 6' (1.8 m) and double gate up to 12' (3.6 m).

Illinois Department of Transportation
PASSED January 1, 2009
ENGINEER OF POLICY AND PROCEDURES
APPROVED January 1, 2009
ENGINEER OF DESIGN AND ENVIRONMENT
ISSUED 1-1-97

CHAIN LINK FENCE

(Sheet 2 of 3)

STANDARD 664001-02



When fence line has a change in direction of 15° or more, a terminal post shall be placed as shown above.

Where angle is less than 15° and existing conditions require a terminal post, they shall be placed as directed by the Engineer.

INSTALLATION AT CORNERS

The chain link fabric shall be replaced by barbed wire strands at 12 (300) maximum centers between the double posts shown on DETAIL A when shown on the plans.

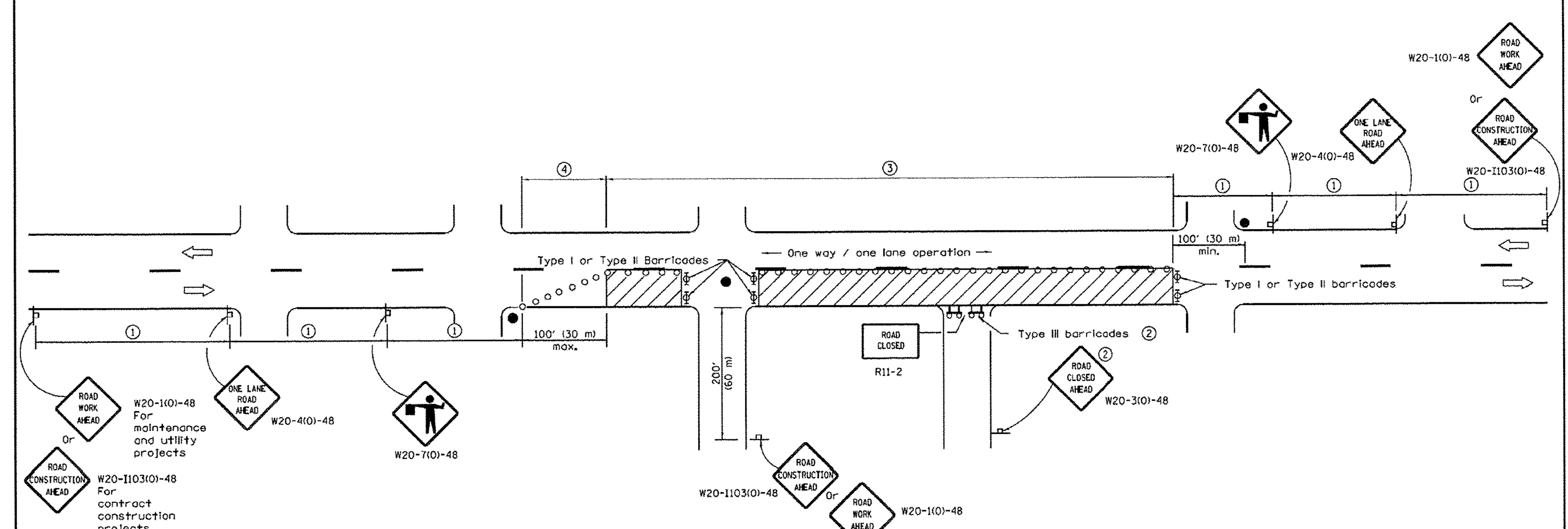
When the width of the culvert makes it necessary to anchor a post to the top of the culvert, a cast iron shoe or other device approved by the Engineer shall be used.

Illinois Department of Transportation
PASSED January 1, 2009
ENGINEER OF POLICY AND PROCEDURES
APPROVED January 1, 2009
ENGINEER OF DESIGN AND ENVIRONMENT
ISSUED 1-1-97

CHAIN LINK FENCE

(Sheet 3 of 3)

STANDARD 664001-02



SIGN SPACING	
Posted Speed	Sign Spacing
55	500' (150 m)
50-45	350' (100 m)
<45	200' (60 m)

SYMBOLS

- Work area
- Cone, drum or barricade (not required for moving operations)
- Sign on portable or permanent support
- Flagger with traffic control sign
- Barricade or drum with flashing light
- Type III barricade with flashing lights

1. Refer to SIGN SPACING TABLE for distances.
2. For approved sideroad closures.
3. Cones at 25' (8 m) centers for 250' (75 m). Additional cones may be placed at 50' (15 m) centers. When drums or Type I or Type II barricades are used, the interval between devices may be doubled.
4. Cones, drums or barricades at 20' (6 m) centers.

GENERAL NOTES

This Standard is used where at any time, day or night, any vehicle, equipment, workers or their activities encroach on the pavement requiring the closure of one traffic lane in an urban area.

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

Illinois Department of Transportation
APPROVED January 1, 2011
ENGINEER OF SAFETY ENGINEERING
APPROVED January 1, 2011
ENGINEER OF DESIGN AND ENVIRONMENT
ISSUED 1-1-97

DATE	REVISIONS
1-1-11	Revised flagger sign.
1-1-09	Switched units to English (metric). Corrected sign No.'s.

URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED

STANDARD 701501-06

FILE LOCATION = X:\Projects\City\Current\12-00348-00-BT DHS SHARED PATH\CIVIL\CONSTRUCTION\DETAILS.DGN

DESIGNED - ENC	REVISED -	
DRAWN - COD	REVISED -	
CHECKED - RDS	REVISED -	
DATE - 8/31/2016	REVISED -	

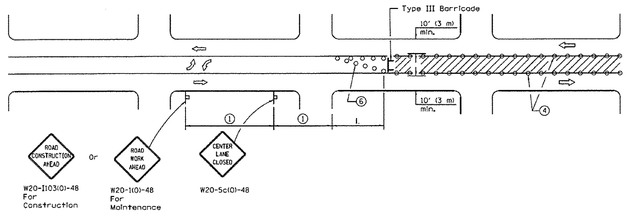
CITY OF DANVILLE, 17 WEST MAIN STREET
DANVILLE, ILLINOIS 61832
TELEPHONE: 217.431.2400

DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

DANVILLE HIGH SCHOOL SHARED USE PATH STANDARDS & DISTRICT 5 CADD DETAILS X

SCALE: NTS

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
*	12-00348-00-BT	Vermilion	94	82
CONTRACT NUMBER 91498				



CASE I

(Signs required for both directions)

SIGN SPACING	
Posted Speed	Sign Spacing
55	500' (150 m)
50-45	350' (100 m)
<45	200' (60 m)

SYMBOLS

- Work area
- Barricade or drum with flashing light
- Flagger with traffic control sign
- Cone, drum or barricade (Cones for daytime use only)
- Sign on portable or permanent support

① Refer to SIGN SPACING TABLE for distances.

② Required for speeds > 40 mph (70 km/h).

③ Required if work exceeds 500' (164 m) or 1 block.

④ Cones at 25' (8 m) centers for 250' (75 m). Additional cones may be placed at 15 m (50') centers. When drums or type I or II barricades are used, the interval between devices may be doubled.

⑤ For approved sideroad closures.

⑥ Cones, drums or barricades at 20' (6 m) centers in taper.

⑦ Use flagger sign only when flagger is present.

GENERAL NOTES

This Standard is used to close one lane of an urban, two lane, two way roadway with a bidirectional turn lane.

Case I applies when no workers are present. When workers are present, two lanes shall be closed and traffic control shall be according to Standard 701501.

Calculate L as follows:

SPEED LIMIT	FORMULAS English	(Metric)
40 mph (70 km/h) or less	$L=\frac{WS^2}{60}$	$L=\frac{WS^2}{150}$
45 mph (80 km/h) or greater	L=(W)(S)	L=0.65(W)(S)

W = Width of offset in feet (meters).

S = Normal posted speed mph (km/h).

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

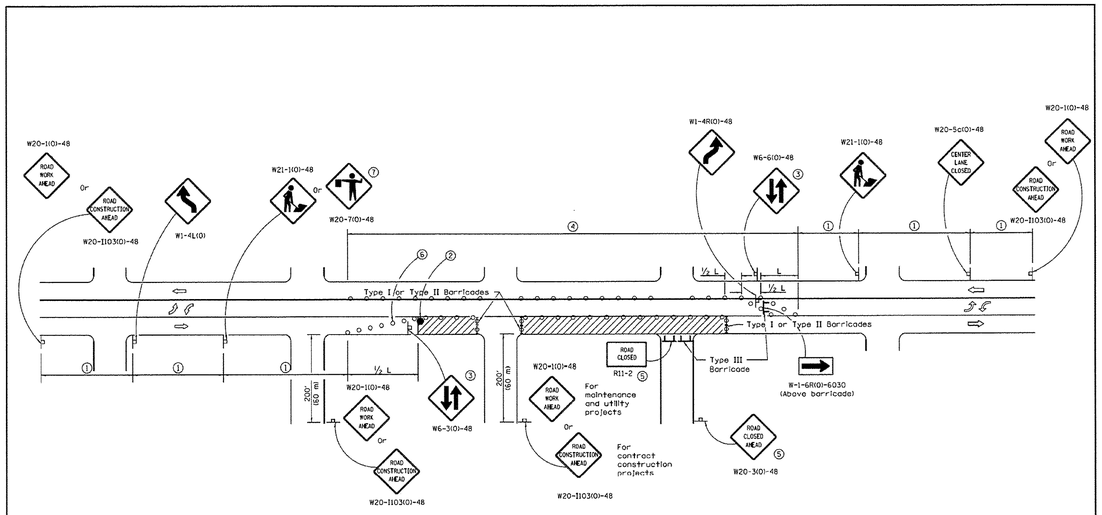
Illinois Department of Transportation
APPROVED January 1, 2014
ENGINEER OF SAFETY ENGINEERING
APPROVED January 1, 2014
ENGINEER OF DESIGN AND ENVIRONMENT
SD-1-1 03/01

DATE	REVISIONS
1-1-14	Omitted original note ④.
	Rev. workers sign no. to agree with current MUTCD.
1-1-13	Omitted text 'WORKERS' sign.

URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE

(Sheet 1 of 2)

STANDARD 701502-06



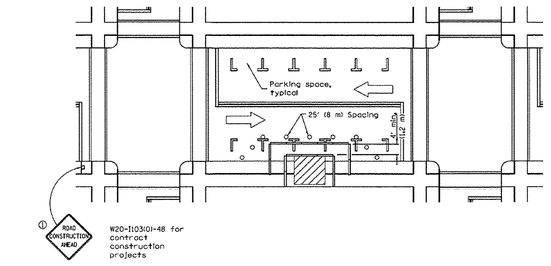
CASE II

Illinois Department of Transportation
APPROVED January 1, 2014
ENGINEER OF SAFETY ENGINEERING
APPROVED January 1, 2014
ENGINEER OF DESIGN AND ENVIRONMENT
SD-1-1 03/01

URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE

(Sheet 2 of 2)

STANDARD 701502-06

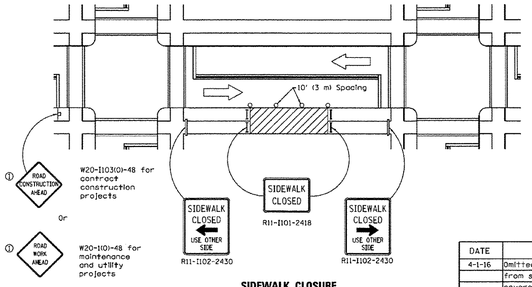


SIDEWALK DIVERSION

① Omit whenever duplicated by road work traffic control.

SYMBOLS

- Work area
- Sign on portable or permanent support
- Barricade or drum
- Cone, drum or barricade
- Type III barricade
- Detectable pedestrian channelizing barricade



SIDEWALK CLOSURE

GENERAL NOTES

This Standard is used where, at any time, pedestrian traffic must be rerouted due to work being performed.

This Standard must be used in conjunction with other Traffic Control & Protection Standards when roadway traffic is affected.

Temporary facilities shall be detectable and accessible.

The temporary pedestrian facilities shall be provided on the same side of the closed facilities whenever possible.

The SIDEWALK CLOSED / USE OTHER SIDE sign shall be placed at the nearest crosswalk or intersection to each end of the closure. Where the closure occurs at a corner, the signs shall be erected on the corners across the street from the closure. The SIDEWALK CLOSED signs shall be used at the ends of the actual closures.

Type III barricades and R11-2-4830 signs shall be positioned as shown in "ROAD CLOSED TO ALL TRAFFIC" detail on Standard 701901.

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

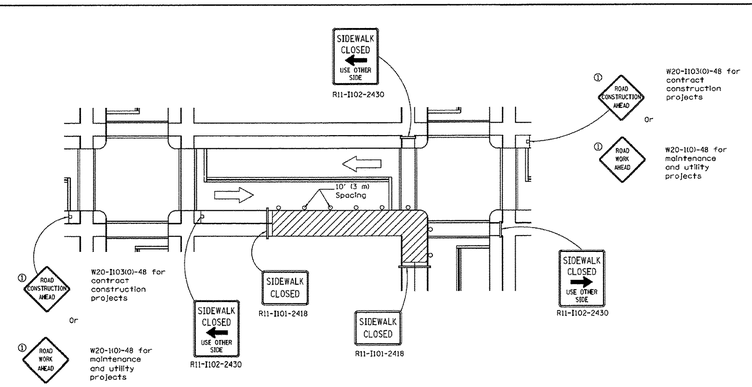
Illinois Department of Transportation
APPROVED April 1, 2016
ENGINEER OF SAFETY ENGINEERING
APPROVED April 1, 2016
ENGINEER OF DESIGN AND ENVIRONMENT
SD-1-1 03/01

DATE	REVISIONS
4-1-16	Omitted orange safety fence from standard as this is covered in the std. spec.
1-1-12	Added SIDEWALK DIVERSION.
	Modified appearance of plan views. Renamed Std.

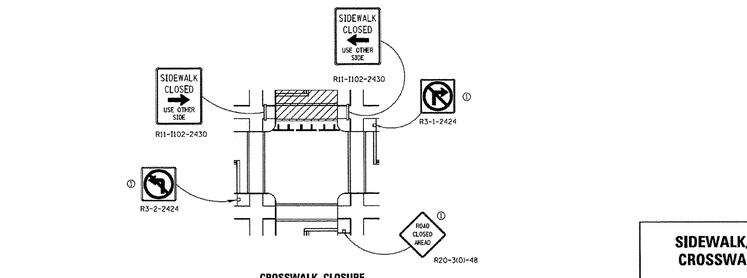
SIDEWALK, CORNER OR CROSSWALK CLOSURE

(Sheet 1 of 2)

STANDARD 701801-06



CORNER CLOSURE



CROSSWALK CLOSURE

Illinois Department of Transportation
APPROVED April 1, 2016
ENGINEER OF SAFETY ENGINEERING
APPROVED April 1, 2016
ENGINEER OF DESIGN AND ENVIRONMENT
SD-1-1 03/01

SIDEWALK, CORNER OR CROSSWALK CLOSURE

(Sheet 2 of 2)

STANDARD 701801-06

FILE LOCATION = x:\Projects\City\Current\12-00348-00-BT DHS SHARED PATH\CIVIL\CONSTRUCTION\DETAILS.DGN

DESIGNED	- ENC	REVISED	-
DRAWN	- COD	REVISED	-
CHECKED	- RDS	REVISED	-
DATE	- 8/31/2016	REVISED	-

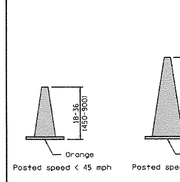
CITY OF DANVILLE, 17 WEST MAIN STREET
DANVILLE, ILLINOIS 61832
TELEPHONE 217.431.2400

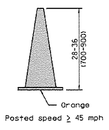
DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

DANVILLE HIGH SCHOOL SHARED USE PATH STANDARDS & DISTRICT 5 CADD DETAILS XI

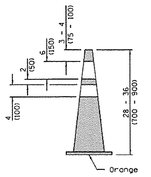
SCALE: NTS

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEET SHEETS NO.
•	12-00348-00-BT	Vermilion	94 83
	CONTRACT NUMBER 91498		

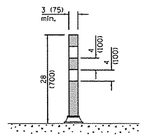




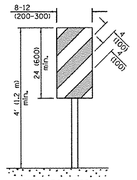
CONE FOR DAYTIME



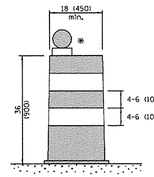
REFLECTORIZED CONE FOR NIGHTTIME



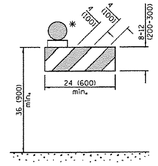
FLEXIBLE DELINEATOR



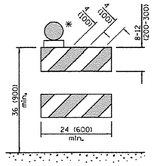
VERTICAL PANEL
POST MOUNTED



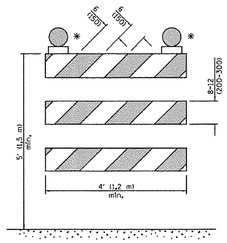
DRUM



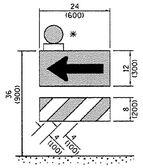
TYPE I BARRICADE



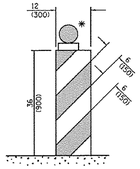
TYPE II BARRICADE



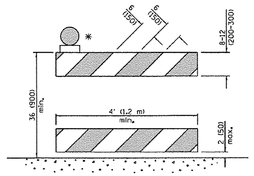
TYPE III BARRICADE



DIRECTION INDICATOR BARRICADE



VERTICAL BARRICADE



DETECTABLE PEDESTRIAN CHANNELIZING BARRICADE

* Warning lights (if required)

GENERAL NOTES

All heights shown shall be measured above the pavement surface.

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

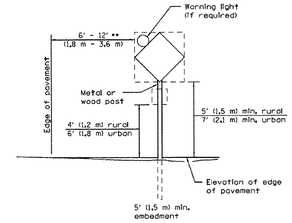
DATE	REVISIONS
4-1-16	Add dim's to barricades. Rev. note for post mnt. signs.
	Rev. cone dtls. Add W12-1103,
1-1-15	Revised two sign numbers on
	sheet 2. Added note reg.
	PHOTO ENFORCED plaque.

TRAFFIC CONTROL DEVICES

(Sheet 1 of 3)

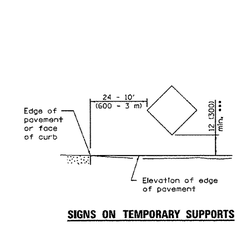
STANDARD 701901-05

Illinois Department of Transportation
APPROVED April 1, 2016 — ENGINEER OF OPERATIONS
APPROVED April 1, 2016 — ENGINEER OF DESIGN AND ENVIRONMENT
D3551 — 16-1-1



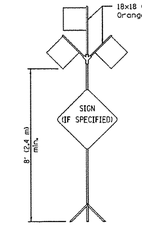
POST MOUNTED SIGNS

•• When curb or paved shoulder are present this dimension shall be 24 (600) to the face of curb or 6' (1.8 m) to the outside edge of the paved shoulder.



SIGNS ON TEMPORARY SUPPORTS

••• When work operations exceed four days, this dimension shall be 5' (1.5 m) min. If located behind other devices, the height shall be sufficient to be seen completely above the devices.

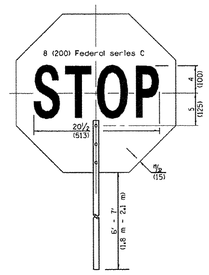


HIGH LEVEL WARNING DEVICE

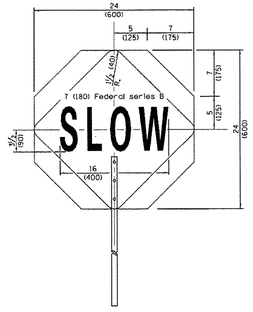
W12-1103-4848

WIDTH RESTRICTION SIGN

XX'-XX" width and X miles are variable.



FRONT SIDE



REVERSE SIDE

FLAGGER TRAFFIC CONTROL SIGN

ROAD CONSTRUCTION NEXT X MILES — G20-1104(01)-6036

END CONSTRUCTION — G20-1105(01)-6024

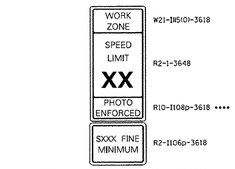
This signing is required for all projects 2 miles (3200 m) or more in length.

ROAD CONSTRUCTION NEXT X MILES sign shall be placed 500' (150 m) in advance of project limits.

END CONSTRUCTION sign shall be erected at the end of the job unless another job is within 2 miles (3200 m).

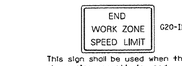
Dual sign displays shall be utilized on multi-lane highways.

WORK LIMIT SIGNING



W21-1105(01)-3618
R2-1-3648
R10-1108p-3618 ••••
R2-1106p-3618

Sign assembly as shown on Standards or as allowed by District Operations.



G20-1103(01)-6036

This sign shall be used when the above sign assembly is used.

HIGHWAY CONSTRUCTION SPEED ZONE SIGNS

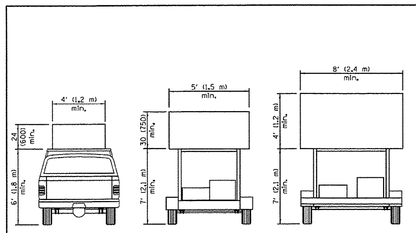
•••• R10-1108p shall only be used along roadways under the jurisdiction of the State.

Illinois Department of Transportation
APPROVED April 1, 2016 — ENGINEER OF OPERATIONS
APPROVED April 1, 2016 — ENGINEER OF DESIGN AND ENVIRONMENT
D3551 — 16-1-1

TRAFFIC CONTROL DEVICES

(Sheet 2 of 3)

STANDARD 701901-05

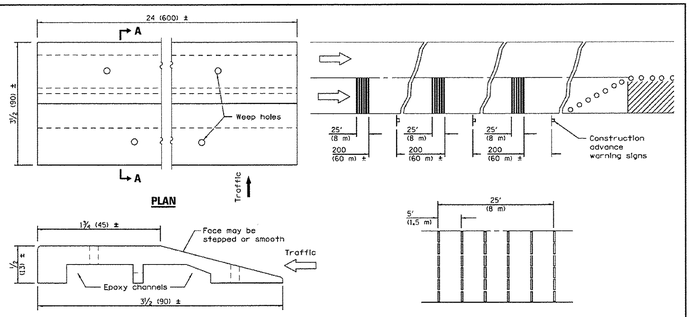


TYPE A ROOF MOUNTED

TYPE B ROOF OR TRAILER MOUNTED

TYPE C TRAILER MOUNTED

ARROW BOARDS

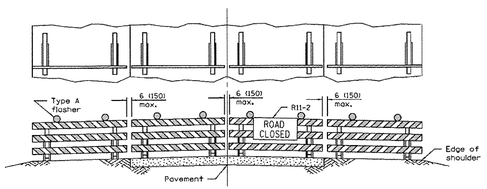


PLAN

SECTION A-A

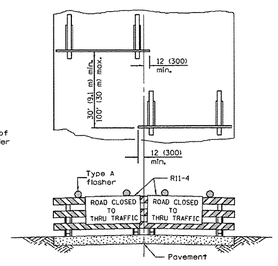
TYPICAL INSTALLATION

TEMPORARY RUMBLE STRIPS



ROAD CLOSED TO ALL TRAFFIC

Reflectorized striping may be omitted on the back side of the barricades. If a Type III barricade with an attached sign panel which meets NCHRP 350 is not available, the sign may be mounted on an NCHRP 350 temporary sign support directly in front of the barricade.



ROAD CLOSED TO THRU TRAFFIC

Reflectorized striping shall appear on both sides of the barricades. If a Type III barricade with an attached sign panel which meets NCHRP 350 is not available, the signs may be mounted on NCHRP 350 temporary sign supports directly in front of the barricade.

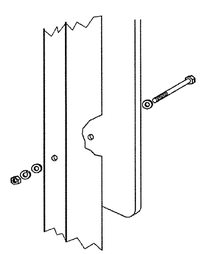
TYPICAL APPLICATIONS OF TYPE III BARRICADES CLOSING A ROAD

TRAFFIC CONTROL DEVICES

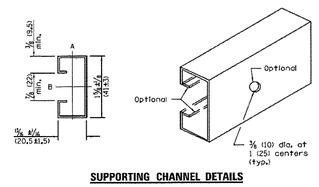
(Sheet 3 of 3)

STANDARD 701901-05

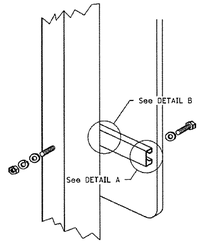
Illinois Department of Transportation
APPROVED April 1, 2016 — ENGINEER OF OPERATIONS
APPROVED April 1, 2016 — ENGINEER OF DESIGN AND ENVIRONMENT
D3551 — 16-1-1



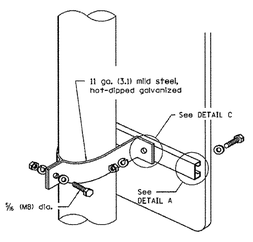
Section modulus (minimum)	Axis A	Axis B
Steel	0,050 $in.^3$ (819 mm^3)	0,105 $in.^3$ (1720 mm^3)
Aluminum	0,150 $in.^3$ (2458 mm^3)	0,315 $in.^3$ (5162 mm^3)



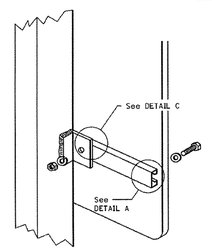
SUPPORTING CHANNEL DETAILS



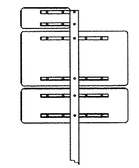
WOOD OR TELESCOPING STEEL POSTS



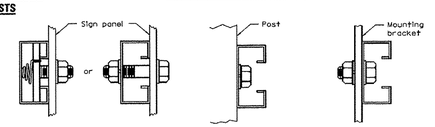
LIGHT OR SIGNAL STANDARDS



BREAKAWAY STEEL TUBING POSTS
(All sign panel sizes)



ROUTE MARKER ASSEMBLY



DETAIL A **DETAIL B** **DETAIL C**

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

DATE	REVISIONS
1-1-09	Switched units to English (metric).
1-1-97	Renum. Standard 2319-6.

Illinois Department of Transportation
APPROVED January 1, 2009 — ENGINEER OF OPERATIONS
APPROVED January 1, 2009 — ENGINEER OF DESIGN AND ENVIRONMENT
D3551 — 08-1-1

SIGN PANEL MOUNTING DETAILS

STANDARD 720001-01

FILE LOCATION = X:\Projects\City\Current\12-00348-00-BT DHS SHARED PATH\CIVIL\CONSTRUCTION\DETAILS.DGN

DESIGNED	- ENC	REVISED	-
DRAWN	- COD	REVISED	-
CHECKED	- RDS	REVISED	-
DATE	- 8/31/2016	REVISED	-

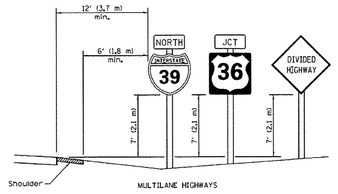
CITY OF DANVILLE, 17 WEST MAIN STREET
DANVILLE, ILLINOIS 61832
TELEPHONE: 217.431.2400

DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

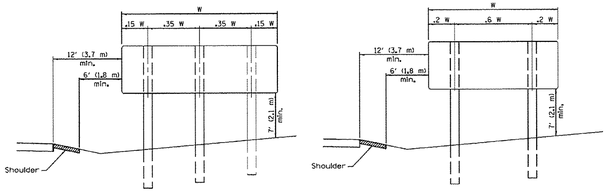
DANVILLE HIGH SCHOOL SHARED USE PATH STANDARDS & DISTRICT 5 CADD DETAILS XII

SCALE: NTS

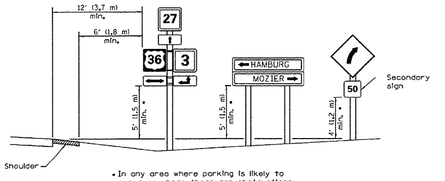
RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEET SHEETS	NO.
*	12-00348-00-BT	Vermilion	94	84
	CONTRACT NUMBER 91498			



MULTILANE HIGHWAYS

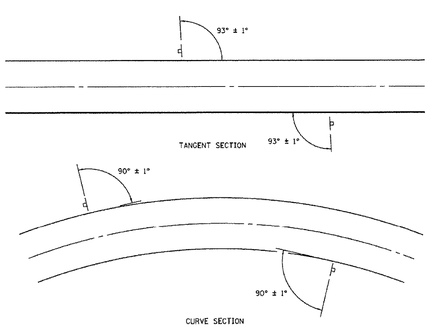


POST SPACING FOR NON-FREEWAY SIGN PANELS

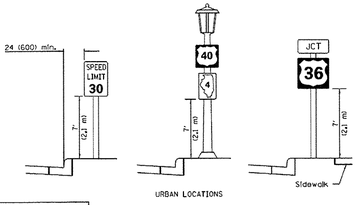


* In any area where parking is likely to occur or where there are obstructions to view or where signs are located over sidewalks, the height shall be at least 7' (2,1 m).

TWO LANE RURAL HIGHWAYS



GROUND MOUNT SIGN POSITIONING



URBAN LOCATIONS

TYPICAL INSTALLATIONS

Signs in any area shall be erected to a uniform height above the edge of the pavement.

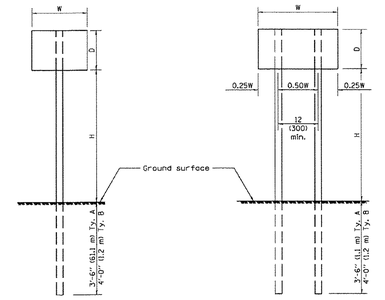
All dimensions are in inches (millimeters) unless otherwise shown.

DATE	REVISIONS
1-1-14	Added shoulders and slopes,
	Changed sign distances
	from roadway and shoulder.
1-1-12	Rev. sign elev. for multilane
	hwy's. Revised sign elev. and
	dist. to curb for rural loc.

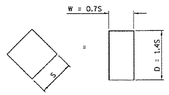
SIGN PANEL ERECTION DETAILS

STANDARD 720006-04

Illinois Department of Transportation
APPROVED January 1, 2014
ENGINEER OF OPERATIONS
APPROVED January 1, 2014
ENGINEER OF DESIGN AND ENVIRONMENT
dd-11 ©BRSC

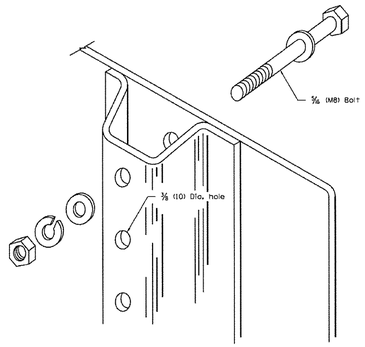


ONE POST INSTALLATION **TWO POST INSTALLATION**



For diamond shaped sign with side S as shown, use required post size for a sign with W = 0.7S and D = 1.4S.

SIGN DEPTH (D)	H	NO. AND TYPE OF POST FOR SIGN WIDTH (W)				
		12 (300)	18 (450)	24 (600)	30 (750)	36 (900)
18 (450)	5'-0" (1,5 m)	A	A	A	A	A
	5'-6" (1,7 m)	A	A	A	A	A
	6'-0" (1,8 m)	A	A	A	A	B
	6'-6" (2,0 m)	A	A	A	A	B
	7'-0" (2,1 m)	A	A	A	A	B
	7'-6" (2,3 m)	A	A	A	A	B
	8'-0" (2,4 m)	A	A	A	A	B
	8'-6" (2,6 m)	A	A	A	B	B
	9'-0" (2,7 m)	A	A	A	B	B
24 (600)	5'-0" (1,5 m)	A	A	A	A	B
	5'-6" (1,7 m)	A	A	A	A	B
	6'-0" (1,8 m)	A	A	A	B	B
	6'-6" (2,0 m)	A	A	A	B	B
	7'-0" (2,1 m)	A	A	A	B	B
	7'-6" (2,3 m)	A	A	A	B	B
	8'-0" (2,4 m)	A	A	A	B	2A
	8'-6" (2,6 m)	A	A	B	B	2A
	9'-0" (2,7 m)	A	A	B	B	2A
30 (750)	5'-0" (1,5 m)	A	A	A	B	B
	5'-6" (1,7 m)	A	A	A	B	2A
	6'-0" (1,8 m)	A	A	A	B	2A
	6'-6" (2,0 m)	A	A	A	B	2A
	7'-0" (2,1 m)	A	A	B	B	2A
	7'-6" (2,3 m)	A	A	B	B	2A
	8'-0" (2,4 m)	A	A	B	B	2A
	8'-6" (2,6 m)	A	A	B	2A	2A
	9'-0" (2,7 m)	A	A	B	2A	2A
36 (900)	5'-0" (1,5 m)	A	A	B	B	2A
	5'-6" (1,7 m)	A	A	B	B	2A
	6'-0" (1,8 m)	A	A	B	B	2A
	6'-6" (2,0 m)	A	A	B	2A	2A
	7'-0" (2,1 m)	A	A	B	2A	2A
	7'-6" (2,3 m)	A	A	B	2A	2A
	8'-0" (2,4 m)	A	B	B	2A	2A
	8'-6" (2,6 m)	A	B	B	2A	2B
	9'-0" (2,7 m)	A	B	2A	2A	2B
4'-0" (1,2 m)	5'-0" (1,5 m)	A	A	B	2A	2A
	5'-6" (1,7 m)	A	B	B	2A	2A
	6'-0" (1,8 m)	A	B	B	2A	2A
	6'-6" (2,0 m)	A	B	2A	2A	2B
	7'-0" (2,1 m)	A	B	2A	2A	2B
	7'-6" (2,3 m)	A	B	2A	2B	2B
	8'-0" (2,4 m)	A	B	2A	2B	2B
	8'-6" (2,6 m)	B	B	2B	2B	2B
	9'-0" (2,7 m)	B	2A	2B	2B	2B



DETAIL OF MOUNTING SIGN TO POST

NOTE: Minimum of 2 bolts per post required.

GENERAL NOTES

DESIGN: Current AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals.

LOADING: for 60 mph (95 km/h) wind velocity with 30% gust factor, normal to sign.

SOIL PRESSURE: Minimum allowable soil pressure 1.25 tsf (120 kPa).

See Standard 720011 for details of Types A and B posts.

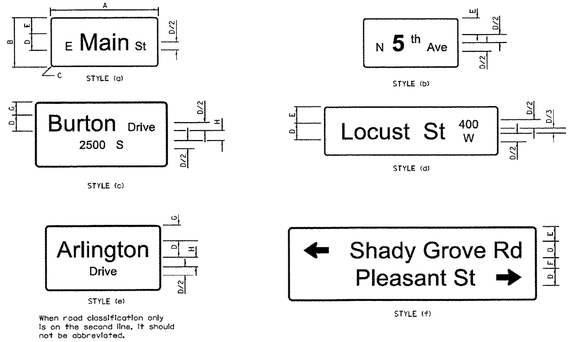
All dimensions are in inches (millimeters) unless otherwise shown.

DATE	REVISIONS
1-1-09	Switched units to
	English (metric).
1-1-97	Renum. Standard 2363-2.

APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)

STANDARD 729001-01

Illinois Department of Transportation
PASSED January 1, 2009
ENGINEER OF POLICY AND PROCEDURES
APPROVED January 1, 2009
ENGINEER OF DESIGN AND ENVIRONMENT
dd-11 ©BRSC

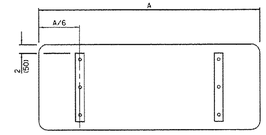


TYPICAL SIGN STYLES

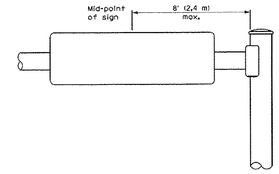
SIGN STYLE	DIMENSIONS								LETTER SIZE UC/LC PRIMARY			BORDER
	A	B	C	D	E	F	G	H	1	2	*	
a,b,d	Var.	12 (300)	1½ (40)	6 (150)	3 (75)	-	-	-	6/4½ (150/115)	-	-	⅜ (10)
	Var.	18 (450)	1½ (40)	8 (200)	5 (125)	-	-	-	8/6 (200/150)	-	-	⅜ (15)
	Var.	24 (600)	1½ (40)	10 (250)	7 (175)	-	-	-	10/7½ (250/190)	-	-	⅜ (15)
	Var.	30 (750)	1⅞ (45)	12 (300)	9 (225)	-	-	-	12/9 (400/300)	-	-	¾ (20)
c,e	Var.	24 (600)	1½ (40)	6 (150)	-	-	5½ (140)	4 (100)	6/4½ (150/115)	-	3 (75)	⅜ (15)
	Var.	30 (750)	1⅞ (45)	8 (200)	-	-	7 (175)	4½ (115)	8/6 (200/150)	-	4 (100)	¾ (20)
	Var.	36 (900)	2¼ (60)	10 (250)	-	-	7½ (190)	6 (150)	10/7½ (250/190)	-	5 (125)	¾ (20)
	Var.	42 (1050)	3 (75)	12 (300)	-	-	8½ (215)	7 (175)	12/9 (400/300)	-	6 (150)	1 (25)
f	Var.	24 (600)	1½ (40)	6 (150)	4 (100)	4 (100)	-	-	6/4½ (150/115)	6/4½ (150/115)	-	⅜ (15)
	Var.	30 (750)	1⅞ (45)	8 (200)	4½ (115)	5 (125)	-	-	8/6 (200/150)	8/6 (200/150)	-	¾ (20)
	Var.	42 (1050)	3 (75)	10 (250)	7½ (190)	7 (175)	-	-	10/7½ (250/190)	10/7½ (250/190)	-	1 (25)
	Var.	48 (1200)	3 (75)	12 (300)	7½ (190)	8 (200)	-	-	12/9 (400/300)	12/9 (400/300)	-	1 (25)

* Supplemental Messages

SUPPORTING CHANNELS



MOUNTING LOCATION



GENERAL NOTES

All signs shall have a white reflectorized legend and border on a green reflectorized background.

The sign panels shall be mounted as shown on Standard 720001 or as specified in the plans.

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

DATE	REVISIONS
1-1-12	Revised table and
	lettering to upper/lower
	case per current MUTCD.
1-1-09	Switched units to
	English (metric).

MAST ARM MOUNTED STREET NAME SIGNS

STANDARD 720016-03

Illinois Department of Transportation
APPROVED January 1, 2012
ENGINEER OF OPERATIONS
APPROVED January 1, 2012
ENGINEER OF DESIGN AND ENVIRONMENT
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FILE LOCATION = X:\Projects\City\Current\12-00348-00-BT DHS SHARED PATH\CIVIL\CONSTRUCTION\DETAILS.DGN

DESIGNED	- ENC	REVISED	-
DRAWN	- COD	REVISED	-
CHECKED	- RDS	REVISED	-
DATE	- 8/31/2016	REVISED	-

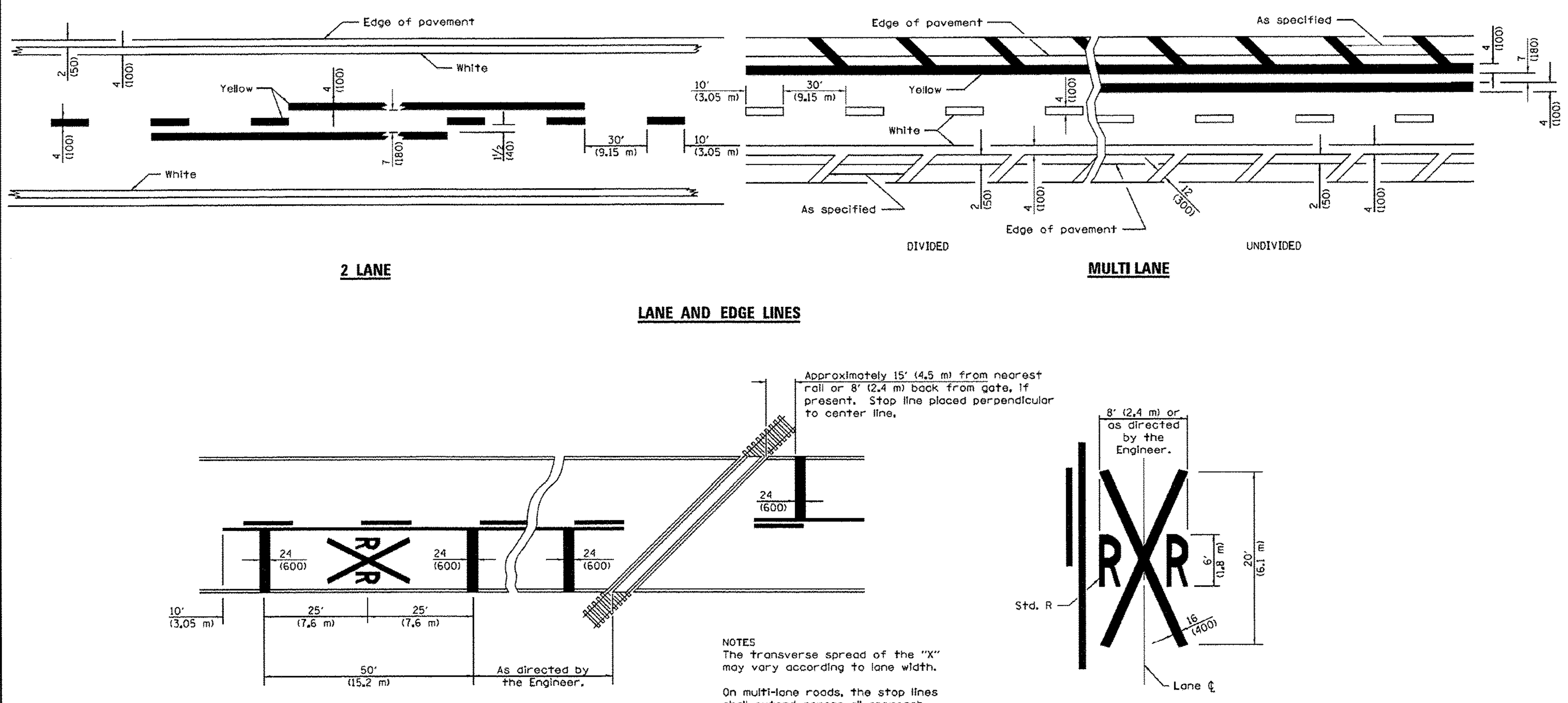
CITY OF DANVILLE, 17 WEST MAIN STREET
DANVILLE, ILLINOIS 61832
TELEPHONE 217.431.2400

DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

DANVILLE HIGH SCHOOL SHARED USE PATH STANDARDS & DISTRICT 5 CADD DETAILS XIII

SCALE: NTS

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
•	12-00348-00-BT	Vermilion	94	85
	CONTRACT NUMBER 91498			



NOTES

The transverse spread of the "X" may vary according to lane width.

On multi-lane roads, the stop lines shall extend across all approach lanes and separate RXR symbols shall be placed adjacent to each other in each lane.

When the pavement marking symbol is used, a portion of the symbol should be located directly adjacent to the Advance Warning Sign (W10-1) as placed by Table 2C-4, Condition B of the MUTCD.

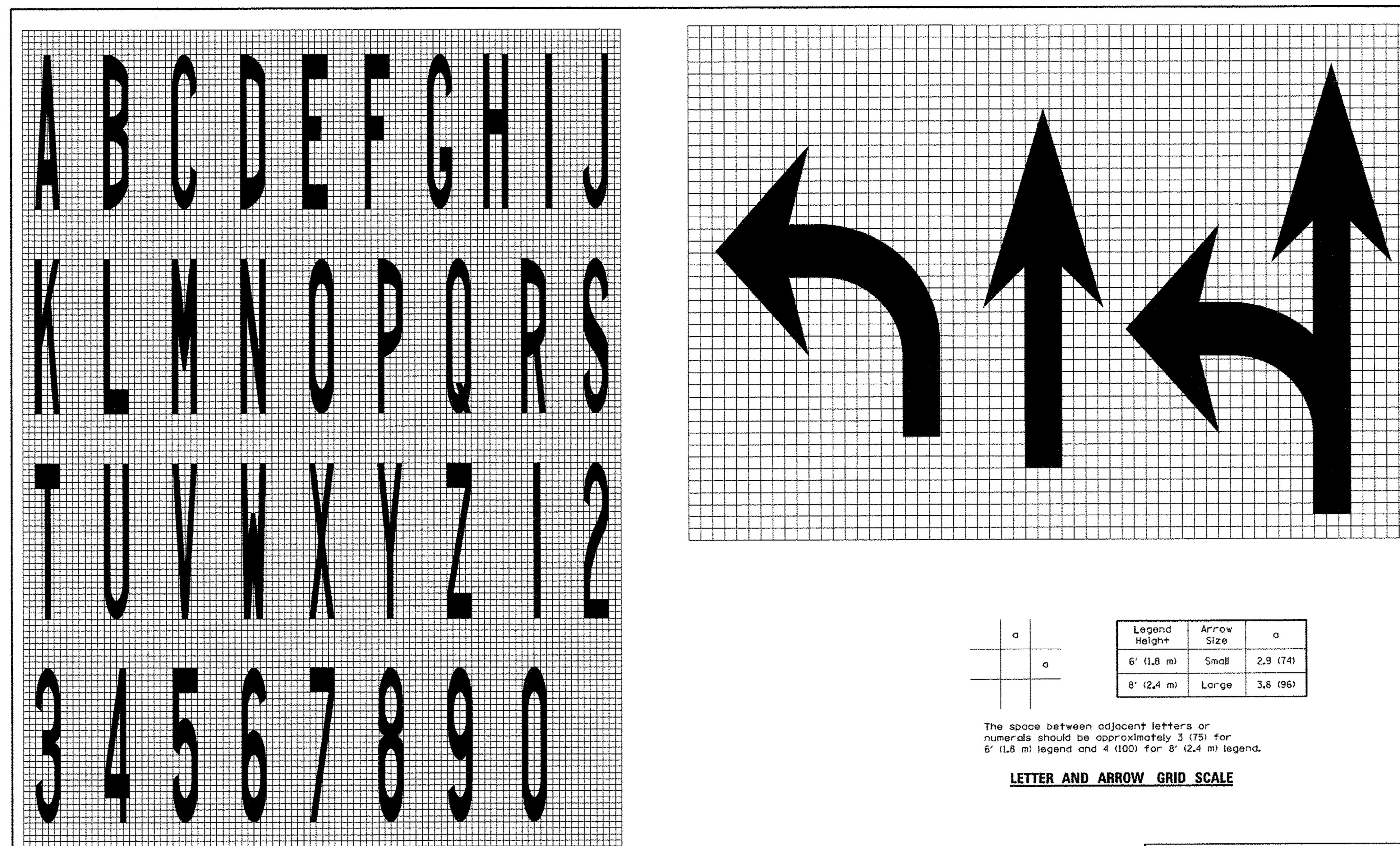
PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING

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

Illinois Department of Transportation
APPROVED January 1, 2015 ENGINEER OF OPERATIONS
APPROVED January 1, 2015 ENGINEER OF DESIGN AND ENVIRONMENT
ISSUED 1-1-97

DATE	REVISIONS
1-1-15	Added symbols. Revised bike symbol. Revised note for stop line at RR crossing.
1-1-14	Added bike symbol. Renamed 'LANE DROP ARROW' detail to 'LANE-REDUCTION ARROW'.

TYPICAL PAVEMENT MARKINGS
(Sheet 1 of 3)
STANDARD 780001-05



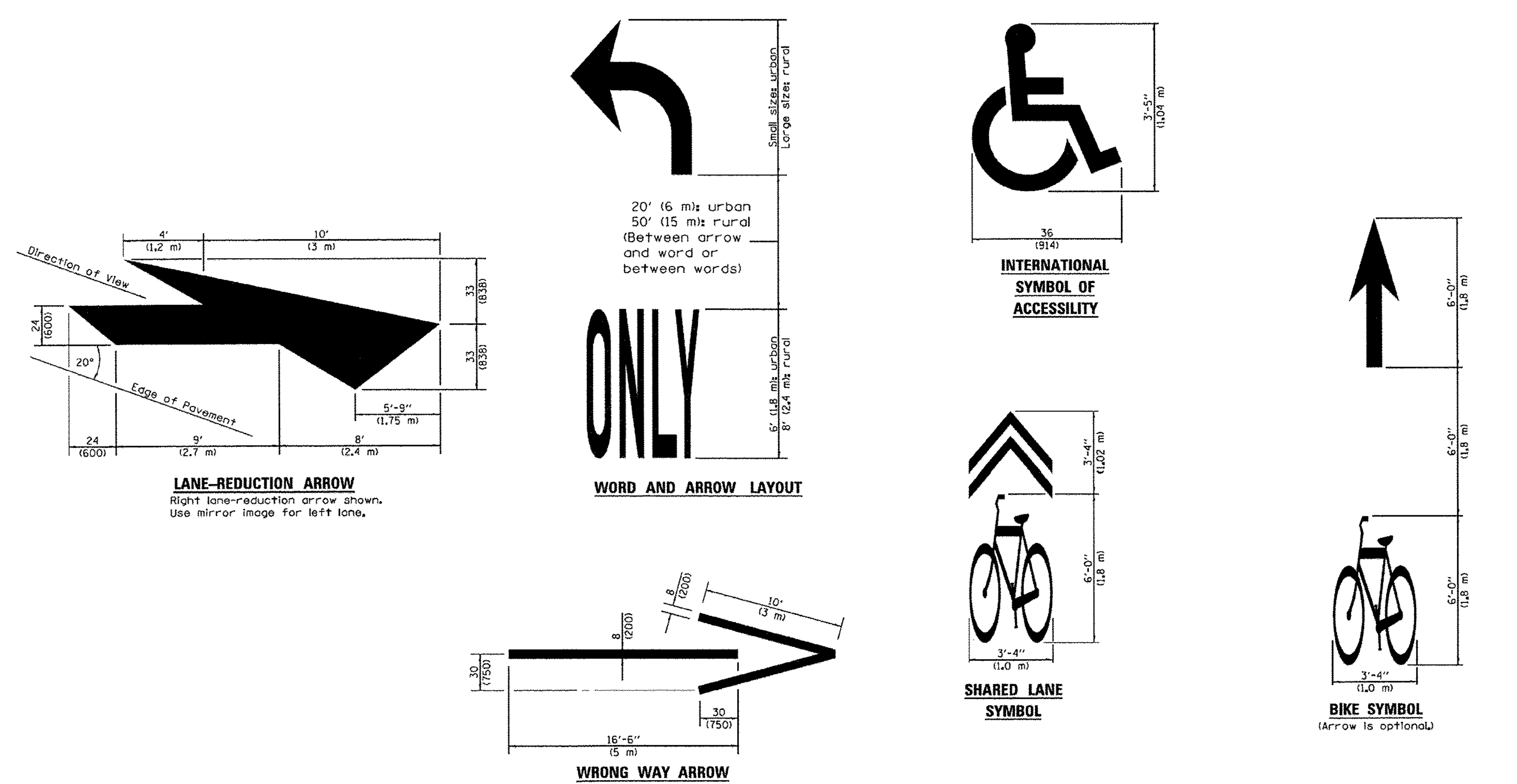
Legend Height	Arrow Size	a
6' (1.8 m)	Small	2.9 (74)
8' (2.4 m)	Large	3.8 (96)

The space between adjacent letters or numerals should be approximately 3 (75) for 6' (1.8 m) legend and 4 (100) for 8' (2.4 m) legend.

LETTER AND ARROW GRID SCALE

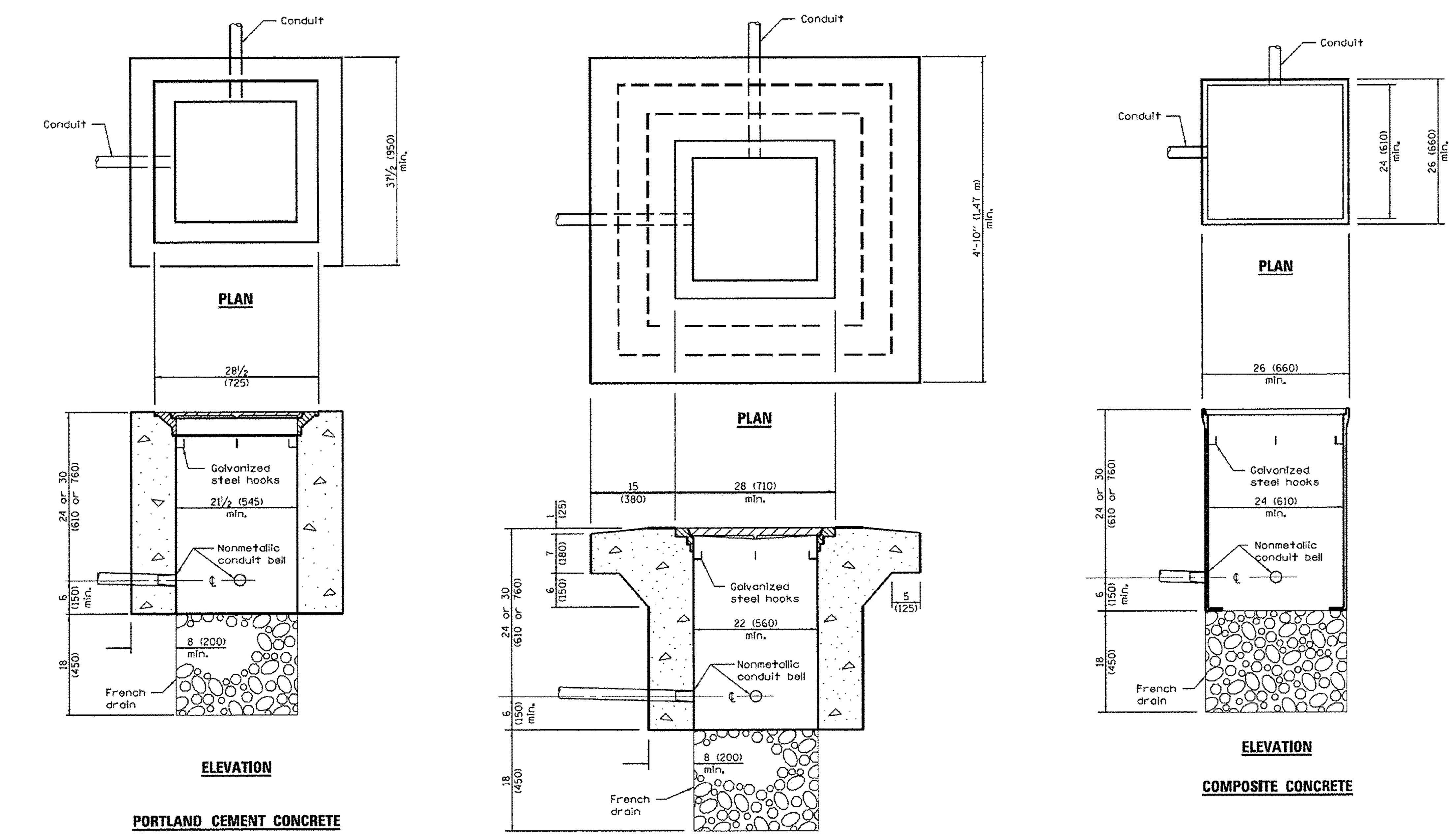
Illinois Department of Transportation
APPROVED January 1, 2015 ENGINEER OF OPERATIONS
APPROVED January 1, 2015 ENGINEER OF DESIGN AND ENVIRONMENT
ISSUED 1-1-97

TYPICAL PAVEMENT MARKINGS
(Sheet 2 of 3)
STANDARD 780001-05



Illinois Department of Transportation
APPROVED January 1, 2015 ENGINEER OF OPERATIONS
APPROVED January 1, 2015 ENGINEER OF DESIGN AND ENVIRONMENT
ISSUED 1-1-97

TYPICAL PAVEMENT MARKINGS
(Sheet 3 of 3)
STANDARD 780001-05



QUANTITIES

Depth	Concrete yd³ (m³) Handhole	Heavy Duty Handhole
30 (762)	0.61 (0.47)	0.98 (0.75)
36 (914)	0.73 (0.56)	1.10 (0.84)

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

Illinois Department of Transportation
APPROVED January 1, 2015 ENGINEER OF OPERATIONS
APPROVED January 1, 2015 ENGINEER OF DESIGN AND ENVIRONMENT
ISSUED 1-1-97

DATE	REVISIONS
1-1-15	Corrected dimension on heavy duty handhole. Added concrete quantities table.
1-1-09	Switched units to English (metric).

HANDHOLES
STANDARD 814001-03

FILE LOCATION = X:\Projects\City\Current\12-00348-00-BT DHS SHARED PATH\CIVIL\CONSTRUCTION\DETAILS.DGN

DESIGNED - ENC	REVISED -		
DRAWN - COD	REVISED -		
CHECKED - RDS	REVISED -		
DATE - 8/31/2016	REVISED -		

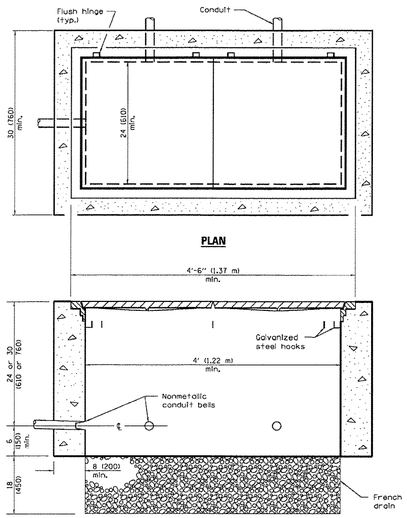
CITY OF DANVILLE, 17 WEST MAIN STREET DANVILLE, ILLINOIS 61832 TELEPHONE: 217.431.2400

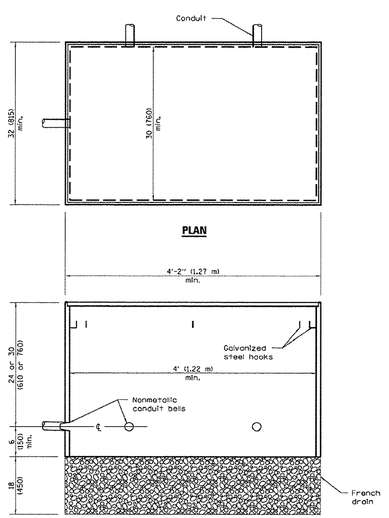
DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

DANVILLE HIGH SCHOOL SHARED USE PATH STANDARDS & DISTRICT 5 CADD DETAILS XIV

SCALE: NTS

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
*	12-00348-00-BT	Vermilion	94	86
CONTRACT NUMBER 91498				





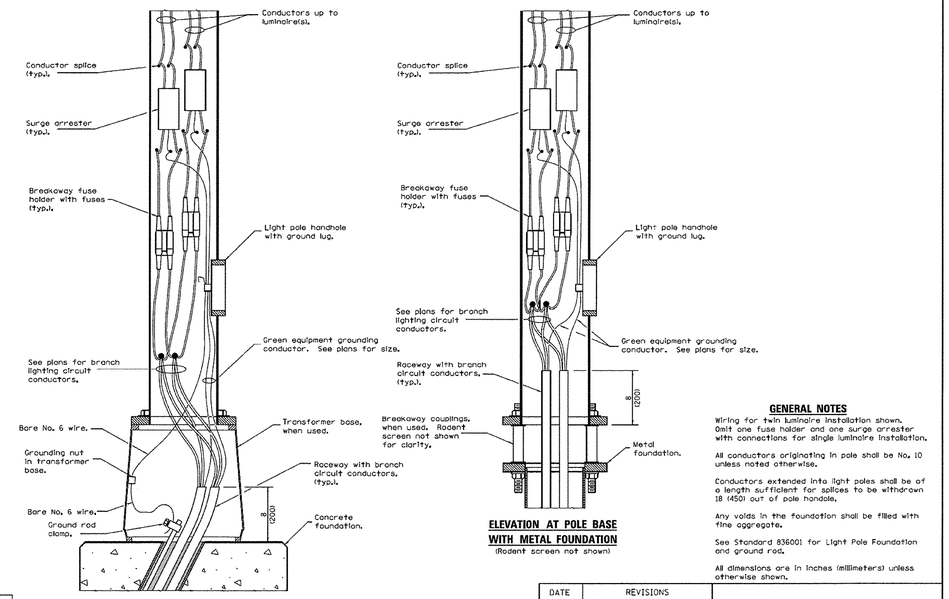
All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation
APPROVED January 1, 2009
ENGINEER OF OPERATIONS
APPROVED January 1, 2009
ENGINEER OF DESIGN AND ENVIRONMENT
1-1-11 (BDE)

DATE	REVISIONS
1-1-09	Switched units to English (metric).
1-1-07	Revised composite conc. handhole. Rem. weights of frames and covers.

DOUBLE HANDHOLES

STANDARD 814006-02



GENERAL NOTES

Wiring for twin luminaire installation shown. Omit one fuse holder and one surge arrester with connections for single luminaire installation.

All conductors originating in pole shall be No. 10 unless noted otherwise.

Conductors extended into light poles shall be of a length sufficient for splices to be withdrawn 18 (450) out of pole handole.

Any voids in the foundation shall be filled with fine aggregate.

See Standard 836001 for Light Pole Foundation and ground rod.

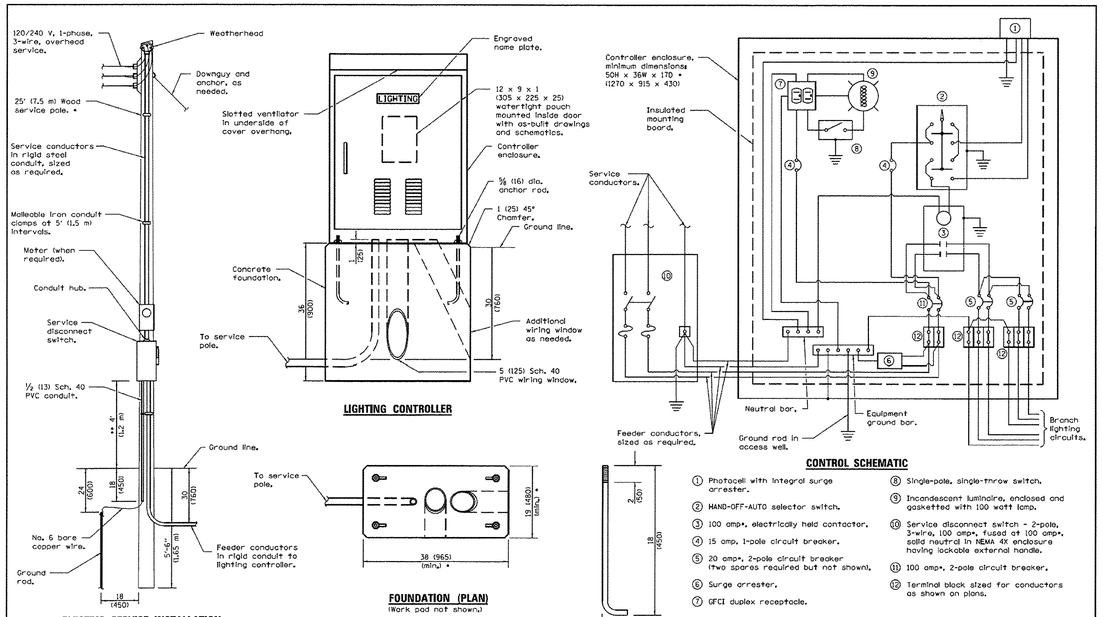
All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation
PASSED January 1, 2015
ENGINEER OF PRELIMINARY ENGINEERING
APPROVED January 1, 2015
ENGINEER OF DESIGN AND ENVIRONMENT
1-1-11 (BDE)

DATE	REVISIONS
1-1-15	Changed "protector" to "arrester".
1-1-14	New standard.

LUMINAIRE WIRING DIAGRAM

STANDARD 821101-01



① Photocell with integral surge arrester.
② HAND-OFF-AUTO selector switch.
③ 100 amp., electrically held contactor.
④ 15 amp. 1-pole circuit breaker.
⑤ 20 amp. 2-pole circuit breaker (two spares required but not shown).
⑥ Surge arrester.
⑦ GFCI duplex receptacle.
⑧ Single-pole, single-throw switch.
⑨ Incandescent luminaire, enclosed and gasketted with 100 watt lamp.
⑩ Service disconnect switch - 2-pole, 3-wire, 100 amp., fused at 100 amp., solid neutral in NEMA 4X enclosure having lockable external handle.
⑪ 100 amp. 2-pole circuit breaker.
⑫ Terminal block sized for conductors as shown on plans.

• Size larger as needed.

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

Illinois Department of Transportation
PASSED January 1, 2015
ENGINEER OF PRELIMINARY ENGINEERING
APPROVED January 1, 2015
ENGINEER OF DESIGN AND ENVIRONMENT
1-1-19 (BDE)

DATE	REVISIONS
1-1-15	Added note ⑫.
1-1-12	Revised feeder burial depth.

LIGHTING CONTROLLER BASE MOUNTED, 240V

STANDARD 825021-03

FILE LOCATION= X:\Projects\City\Current\12-00348-00-BT DHS SHARED PATH\CIVIL\CONSTRUCTION\DETAILS.DGN

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CHECKED	- RDS	REVISED	-
DATE	- 8/31/2016	REVISED	-

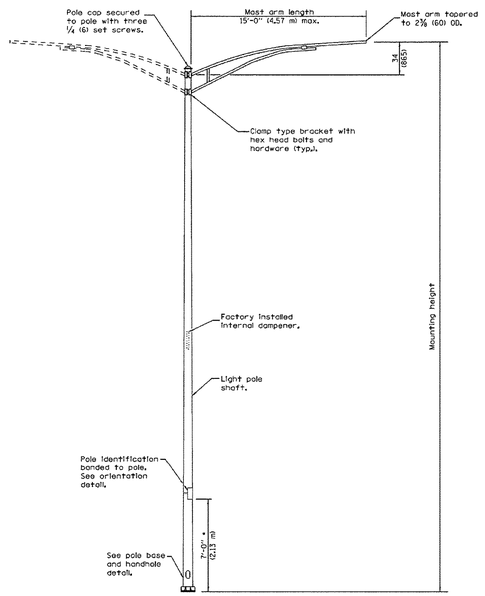
CITY OF DANVILLE, 17 WEST MAIN STREET
DANVILLE, ILLINOIS 61832
TELEPHONE: 217.431.2400

DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

DANVILLE HIGH SCHOOL SHARED USE PATH STANDARDS & DISTRICT 5 CADD DETAILS XV

SCALE: NTS

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEET SHEETS	SHEET NO.
•	12-00348-00-BT	Vermilion	94	87
	CONTRACT NUMBER 91498			



MAST ARM LIGHT POLE

(Single or twin mount)

* Unless directed otherwise by the Engineer.

POLE		
MOUNTING HEIGHT	MINIMUM SHAFT DIAMETER	MINIMUM WALL THICKNESS
35' (10,7 m) or less	8 tapered to 4½ (200 to 114)	0.25 (6)
Greater than 35' (10,7 m) to 45' (13,7 m)	10 tapered to 6 (250 to 150)	0.25 (6)
Greater than 45' (13,7 m) to 50' (15,2 m)	10 tapered to 6 (250 to 150)	0.312 (8)

POLE BASE	
MOUNTING HEIGHT	BOLT CIRCLE DIAMETER
35' (10,7 m) or less	11½ (290)
Greater than 35' (10,7 m) to 50' (15,2 m)	15 (380)

GENERAL NOTES

See Standard 836001 for Light Pole Foundation and grounding electrode.

See Standard 720001 for pole identification banding to pole.

Voids in light pole base shall be sealed to prevent rodent entry.

Provide breakaway devices where required.

Where anchor rods on existing bridge parapets are too short to mount poles as shown. Install leveling plate directly on concrete and level with stainless steel washers.

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

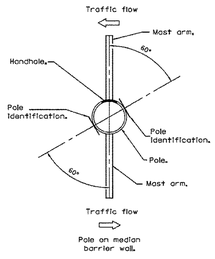
DATE	REVISIONS
1-1-15	Revised note on HANDHOLE DETAIL.
1-1-14	Added pole mounted on bridge parapet. Modified attachment of screen.

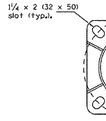
LIGHT POLE ALUMINUM MAST ARM

(Sheet 1 of 2)

STANDARD 830001-03

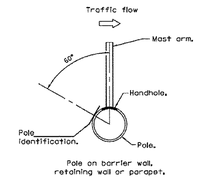
Illinois Department of Transportation
PASSED January 1, 2015
ENGINEER OF PRELIMINARY ENGINEERING
APPROVED January 1, 2015
ENGINEER OF DESIGN AND ENVIRONMENT
01-1-15 ORIGINAL

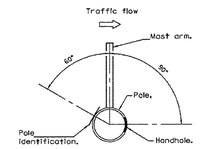




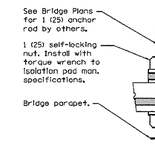
SECTION A–A

(Bolts not shown)

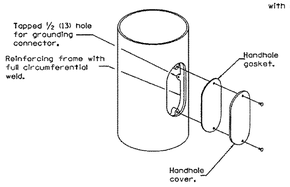




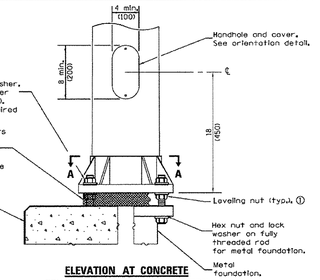
HANDHOLE /IDENTIFICATION ORIENTATION DETAIL



DETAIL A

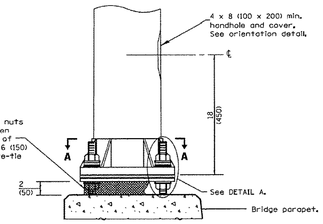


HANDHOLE DETAIL



ELEVATION AT CONCRETE FOUNDATION, METAL FOUNDATION OR RETAINING WALL

① Omit leveling nuts when breakaway devices are required.



ELEVATION AT BRIDGE PARAPET

POLE BASE DETAILS

LIGHT POLE ALUMINUM MAST ARM

(Sheet 2 of 2)

STANDARD 830001-03

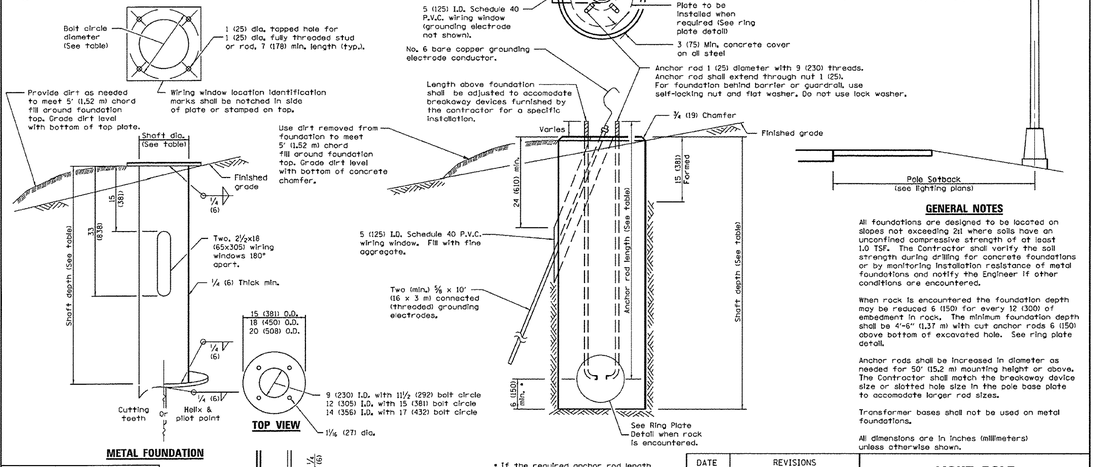
Illinois Department of Transportation
PASSED January 1, 2015
ENGINEER OF PRELIMINARY ENGINEERING
APPROVED January 1, 2015
ENGINEER OF DESIGN AND ENVIRONMENT
01-1-15 ORIGINAL

LIGHT POLE MOUNTING HEIGHT	BOLT CIRCLE DIAMETER	METAL FOUNDATION SHAFT DIAMETER	METAL FOUNDATION SHAFT DEPTH	METAL FOUNDATION TOP PLATE (min)	CONCRETE FOUNDATION SHAFT DIAMETER	CONCRETE FOUNDATION SHAFT DEPTH	CONCRETE FOUNDATION ANCHOR ROD LENGTH ①
≤30' (9,1 m)	11½ (292)	8⅝ (220)	6' (1,83 m)	12 x 12 x 1 (300 x 300 x 25)	24 (610)	5'-0" (1,52 m)	4'-9" (1,45 m)
31'-35' (9,4 m - 10,7 m)	11½ (292)	8⅝ (220)	6' (1,83 m)	12 x 12 x 1 (300 x 300 x 25)	24 (610)	5'-6" (1,67 m)	5'-3" (1,60 m)
36'-40' (10,9 m - 12,2 m)	15 (381) ③	8⅝ (220)	6' ② (1,83 m)	15 x 15 x 1¼ (375 x 375 x 31)	30 (762)	6'-0" (1,83 m)	5'-9" (1,75 m)
41'-45' (12,5 m - 13,7 m)	15 (381) ③	8⅝ (220)	6' ② (1,83 m)	15 x 15 x 1¼ (375 x 375 x 31)	30 (762)	6'-6" (1,98 m)	6'-3" (1,90 m)
46'-50' (14,0 m - 15,2 m)	15 (381) ③	8⅝ (220)	8' (2,44 m)	15 x 15 x 1¼ (375 x 375 x 31)	30 (762)	7'-0" (2,13 m)	6'-9" (2,00 m)

① Length does not include 4 (100) hook.

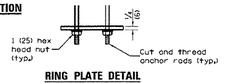
② 8⅝ x 8'-0" (220 x 2,44 m) for twin luminaires.

③ Bolt circle diam. shall be 17 (430) when a transformer base is used.



METAL FOUNDATION

TOP VIEW



RING PLATE DETAIL

* If the required anchor rod length above top of foundation is less than 3 (75), anchor rods may be lowered below 6 (150).

CONCRETE FOUNDATION

GENERAL NOTES

All foundations are designed to be located on slopes not exceeding 2:1 where soils have an unconfined compressive strength of at least 1.0 TSF. The Contractor shall verify the soil strength during drilling for concrete foundations or by monitoring installation resistance of metal foundations and notify the Engineer if other conditions are encountered.

When rock is encountered the foundation depth may be reduced 6 (150) for every 12 (300) of embedment in rock. The minimum foundation depth shall be 4'-6" (1,37 m) with cut anchor rods 6 (150) above bottom of excavated hole. See ring plate detail.

Anchor rods shall be increased in diameter as needed for 50' (15,2 m) mounting height or above. The Contractor shall match the breakaway device size or slotted hole size in the pole base plate to accomodate larger rod sizes.

Transformer bases shall not be used on metal foundations.

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

DATE	REVISIONS
1-1-13	Revised concrete foundation notes, pole foundation set-back notes, ring plate det.
1-1-12	Revised metal foundation wiring window dimensions.

LIGHT POLE FOUNDATION

STANDARD 836001-02

FILE LOCATION = X:\Projects\City\Current\12-00348-00-BT DHS SHARED PATH\CIVIL\CONSTRUCTION\DETAILS.DGN

DESIGNED - ENC		REVISED -
DRAWN - COD		REVISED -
CHECKED - RDS		REVISED -
DATE - 8/31/2016		REVISED -

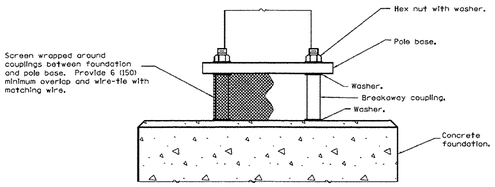
CITY OF DANVILLE, 17 WEST MAIN STREET
DANVILLE, ILLINOIS 61832
TELEPHONE: 217.431.2400

DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

DANVILLE HIGH SCHOOL SHARED USE PATH STANDARDS & DISTRICT 5 CADD DETAILS XVI

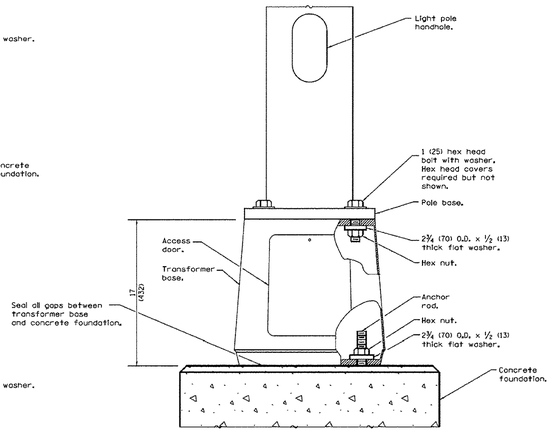
SCALE: NTS

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEET SHEETS	SHEET NO.
•	12-00348-00-BT	Vermilion	94	88
	CONTRACT NUMBER 91498			

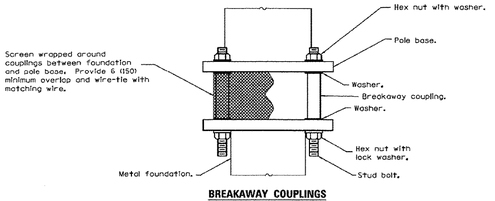


BREAKAWAY COUPLINGS ON CONCRETE FOUNDATION

(Provide pole base skirt around screen when required.)



BREAKAWAY TRANSFORMER BASE



BREAKAWAY COUPLINGS ON METAL FOUNDATION

(Provide pole base skirt around screen when required.)

GENERAL NOTES

See light pole standard for details not shown.

Use largest transformer base bolt circle possible.

Transformer bases shall not be installed on metal foundations.

Washers on top of pole base shall cover the entire bolt slot.

See Standard 836001 for Light Pole Foundation.

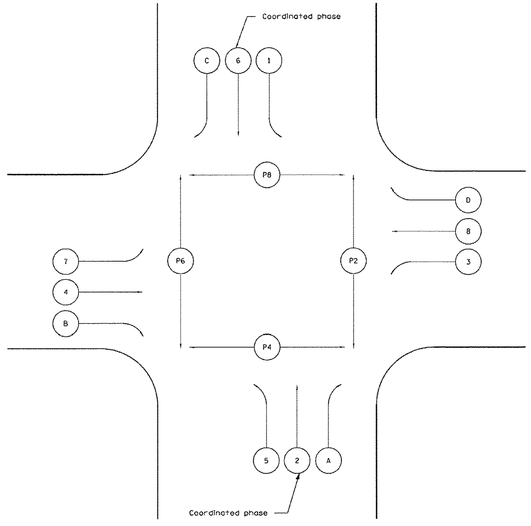
All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation
PASSED January 1, 2014 — ENGINEER OF PRELIMINARY ENGINEERING
APPROVED January 1, 2014 — ENGINEER OF DESIGN AND ENVIRONMENT
STANDARD 838001 — 1-1-14

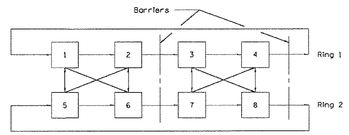
DATE	REVISIONS
1-1-14	New Standard.

BREAKAWAY DEVICES

STANDARD 838001



STANDARD PHASE DESIGNATION DIAGRAM (NEMA)



NEMA EIGHT PHASE DUAL RING ACTUATED CONFIGURATION

LEGEND

(X), [X]	Vehicular phase no. x
(PX)	Pedestrian phase no. x
(A), (B), (C), (D)	Right turn overlaps where:
(A) = (2) + (3)	
(B) = (4) + (5)	
(C) = (6) + (7)	
(D) = (8) + (1)	
NEMA	National Electrical Manufacturers Association

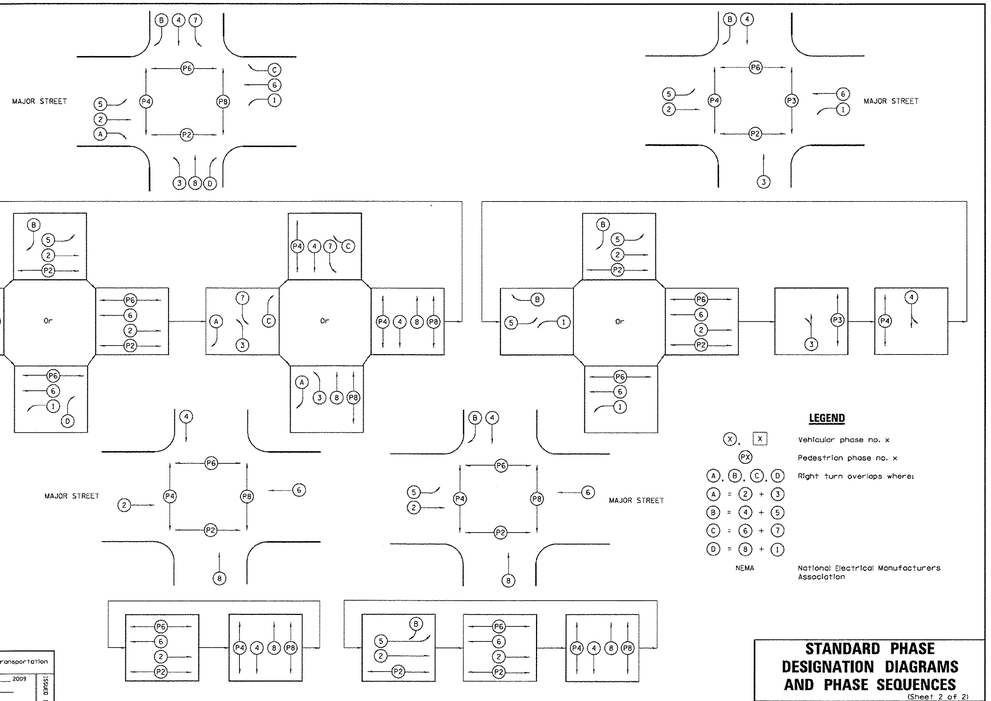
Illinois Department of Transportation
APPROVED January 1, 2009 — ENGINEER OF OPERATIONS
APPROVED January 1, 2009 — ENGINEER OF DESIGN AND ENVIRONMENT
STANDARD 857001-01 — 1-1-97

DATE	REVISIONS
1-1-09	Omitted note regarding units of length.
1-1-97	Renum. Standard 2393-2.

STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES

(Sheet 1 of 2)

STANDARD 857001-01



PHASE DESIGNATION DIAGRAMS AND CORRESPONDING PHASE SEQUENCES

LEGEND

(X), [X]	Vehicular phase no. x
(PX)	Pedestrian phase no. x
(A), (B), (C), (D)	Right turn overlaps where:
(A) = (2) + (3)	
(B) = (4) + (5)	
(C) = (6) + (7)	
(D) = (8) + (1)	
NEMA	National Electrical Manufacturers Association

Illinois Department of Transportation
APPROVED January 1, 2009 — ENGINEER OF OPERATIONS
APPROVED January 1, 2009 — ENGINEER OF DESIGN AND ENVIRONMENT
STANDARD 857001-01 — 1-1-97

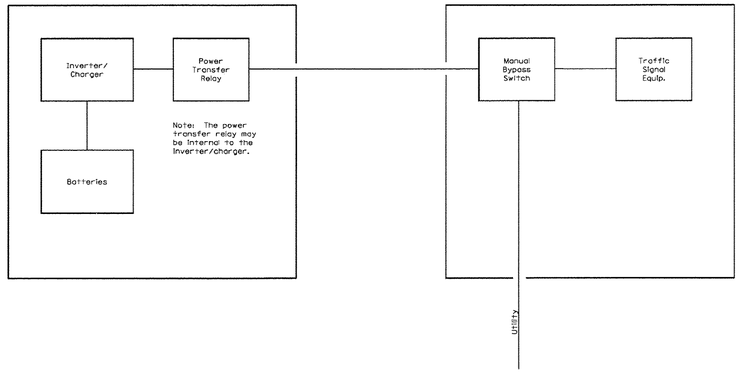
STANDARD PHASE DESIGNATION DIAGRAMS AND PHASE SEQUENCES

(Sheet 2 of 2)

STANDARD 857001-01

UPS CABINET

TRAFFIC SIGNAL (NEMA) CABINET



SINGLE LINE BLOCK DIAGRAM

Illinois Department of Transportation
APPROVED January 1, 2009 — ENGINEER OF OPERATIONS
APPROVED January 1, 2009 — ENGINEER OF DESIGN AND ENVIRONMENT
STANDARD 862001-01 — 1-1-96

DATE	REVISIONS
1-1-09	Omitted note regarding units of length.
4-1-06	New Standard

UNINTERRUPTABLE POWER SUPPLY (UPS)

STANDARD 862001-01

FILE LOCATION = X:\Projects\City\Current\12-00348-00-BT DHS SHARED PATH\CIVIL\CONSTRUCTION\DETAILS.DGN

DESIGNED	- ENC	REVISED	-
DRAWN	- COD	REVISED	-
CHECKED	- RDS	REVISED	-
DATE	- 8/31/2016	REVISED	-

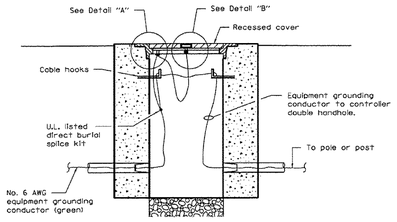
CITY OF DANVILLE, 17 WEST MAIN STREET
DANVILLE, ILLINOIS 61832
TELEPHONE: 217.431.2400

DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

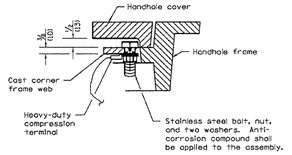
DANVILLE HIGH SCHOOL SHARED USE PATH STANDARDS & DISTRICT 5 CADD DETAILS XVII

SCALE: NTS

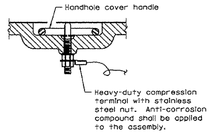
RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEET SHEETS NO.
•	12-00348-00-BT	Vermilion	94 89
	CONTRACT NUMBER 91498		



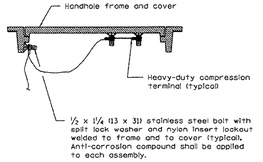
BONDING A HANDHOLE COVER & FRAME



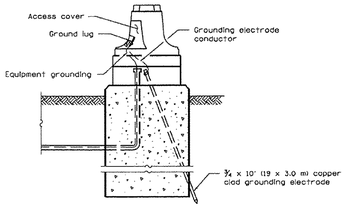
DETAIL "A"



DETAIL "B"



BONDING AN EXISTING HANDHOLE COVER & FRAME



GROUNDING A MAST ARM POLE/POST

HEAVY-DUTY COMPRESSION TERMINAL

HEAVY-DUTY GROUND ROD CLAMP

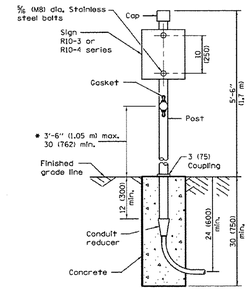
All dimensions are in inches (millimeters) unless otherwise shown.

DATE	REVISIONS
1-1-09	Switched units to English (metric).
1-1-07	Revised terminology.

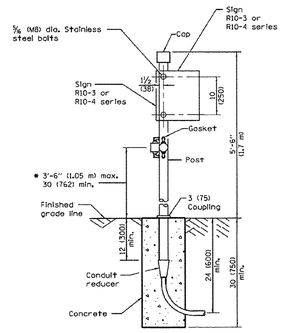
TRAFFIC SIGNAL GROUNDING & BONDING

STANDARD 873001-02

Illinois Department of Transportation
APPROVED January 1, 2009
ENGINEER OF OPERATIONS
APPROVED January 1, 2009
ENGINEER OF DESIGN AND ENVIRONMENT
873001-02

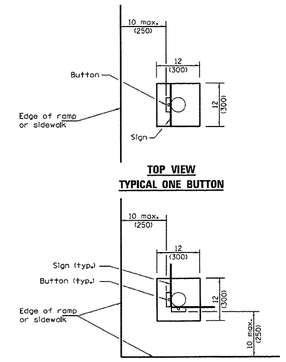


PEDESTRIAN ONE PUSH BUTTON POST



PEDESTRIAN TWO PUSH BUTTON POST

* 36 (914) prefered



TOP VIEW TYPICAL ONE BUTTON

TOP VIEW TYPICAL TWO BUTTONS

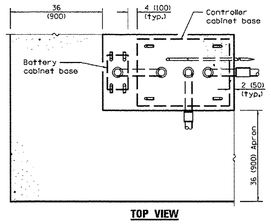
All dimensions are in inches (millimeters) unless otherwise shown.

DATE	REVISIONS
4-1-16	Revised sign numbers for consistency with current MUTCD.
1-1-14	Revised end added dimensions for PROWAG reach range requirements.

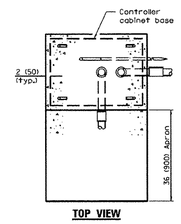
PEDESTRIAN PUSH BUTTON POST

STANDARD 876001-04

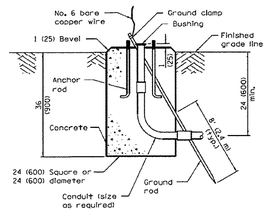
Illinois Department of Transportation
APPROVED April 1, 2016
ENGINEER OF OPERATIONS
APPROVED April 1, 2016
ENGINEER OF DESIGN AND ENVIRONMENT
876001-04



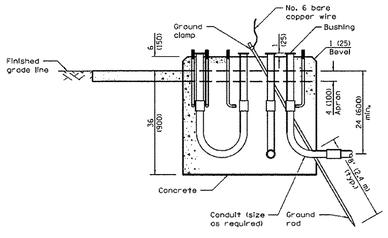
TOP VIEW



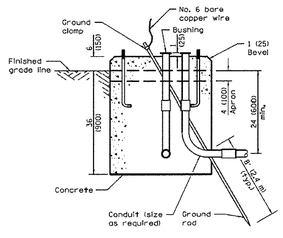
TOP VIEW



TYPE A



TYPE C FOR GROUND MOUNTED CONTROLLER CABINET AND UPS BATTERY CABINET



TYPE D FOR GROUND MOUNTED CONTROLLER CABINET

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

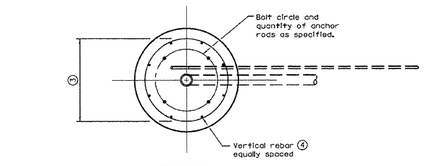
DATE	REVISIONS
1-1-15	Revised TYPE E detail.
1-1-12	Replaced rebar No.'s with "Vertical" for TYPE E foundation detail.

CONCRETE FOUNDATION DETAILS

(Sheet 1 of 2)

STANDARD 878001-10

Illinois Department of Transportation
APPROVED January 1, 2015
ENGINEER OF OPERATIONS
APPROVED January 1, 2015
ENGINEER OF DESIGN AND ENVIRONMENT
878001-10

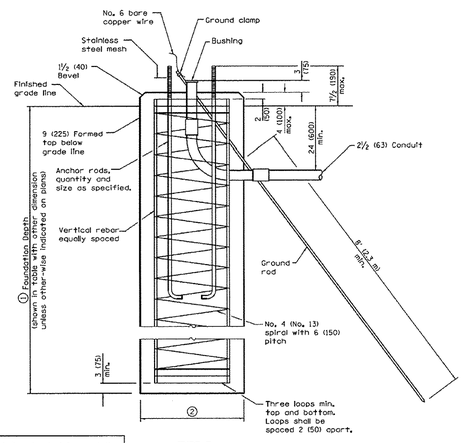


TOP VIEW

Mast Arm Length	1 Foundation Depth *	2 Foundation Diameter	3 Spiral Diameter	4 Quantity of Rebars	Size of Rebars
Less than 30' (9.1 m)	10'-0" (3.0 m)	30 (750)	24 (600)	8	6 (19)
Greater than or equal to 30' (9.1 m) and less than 40' (12.2 m)	13'-6" (4.1 m)	30 (750)	24 (600)	8	6 (19)
	11'-0" (3.4 m)	36 (900)	30 (750)	12	7 (22)
Greater than or equal to 40' (12.2 m) and less than 50' (15.2 m)	13'-0" (4.0 m)	36 (900)	30 (750)	12	7 (22)
Greater than or equal to 50' (15.2 m) and up to 55' (16.8 m)	15'-0" (4.6 m)	36 (900)	30 (750)	12	7 (22)
Greater than or equal to 56' (16.8 m) and less than 65' (19.8 m)	21'-0" (6.4 m)	42 (1060)	36 (900)	16	8 (25)
Greater than or equal to 65' (19.8 m) and up to 75' (22.9 m)	25'-0" (7.6 m)	42 (1060)	36 (900)	16	8 (25)

* For standard and combination mast arm assemblies. Foundation depths for standard dual mast arms with the longest arm length upto and including 55' (16.8 m) shall be increased by 1' (0.3 m) of that shown in the table, based on the longer of the two arms.

These foundation depths are for sites which have cohesive soils (clayey silt, sandy clay, etc.) along the length of the shaft, with an average Unconfined Compressive Strength (Qu) > 1.0 tsf (100 kpa). This strength shall be verified by boring data prior to construction or with testing by the Engineer during foundation drilling. The Bureau of Bridges & Structures should be contacted for a revised design if other conditions are encountered.



TYPE E

CONCRETE FOUNDATION DETAILS

(Sheet 2 of 2)

STANDARD 878001-10

Illinois Department of Transportation
APPROVED January 1, 2015
ENGINEER OF OPERATIONS
APPROVED January 1, 2015
ENGINEER OF DESIGN AND ENVIRONMENT
878001-10

FILE LOCATION=
X:\Projects\City\Current\12-00348-00-BT DHS SHARED PATH\CIVIL\CONSTRUCTION\DETAILS.DGN

DESIGNED - ENC		REVISED -	
DRAWN - COD		REVISED -	
CHECKED - RDS		REVISED -	
DATE - 8/31/2016		REVISED -	

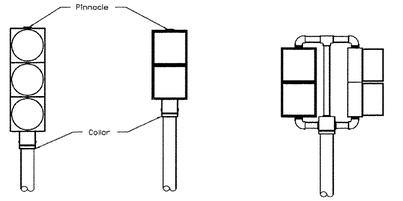
CITY OF DANVILLE, 17 WEST MAIN STREET
DANVILLE, ILLINOIS 61832
TELEPHONE 217.431.2400

DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

DANVILLE HIGH SCHOOL SHARED USE PATH STANDARDS & DISTRICT 5 CADD DETAILS XVIII

SCALE: NTS

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEET SHEETS	NO.
*	12-00348-00-BT	Vermilion	94	90
	CONTRACT NUMBER 91498			



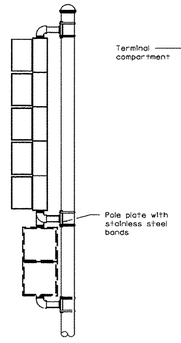
POST MOUNTED TRAFFIC SIGNAL HEAD

POST MOUNTED PEDESTRIAN SIGNAL HEAD

ONE WAY

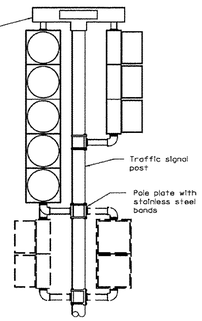
POST MOUNTED PEDESTRIAN SIGNAL HEAD

TWO WAY

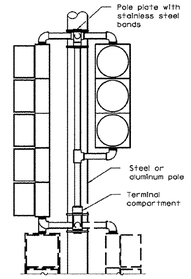


BRACKET MOUNTED TRAFFIC SIGNAL HEAD

ONE WAY

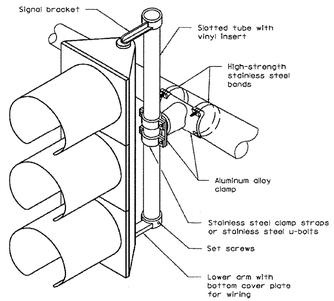


BRACKET MOUNTED TRAFFIC SIGNAL HEAD



BRACKET MOUNTED TRAFFIC SIGNAL HEAD

TWO WAY



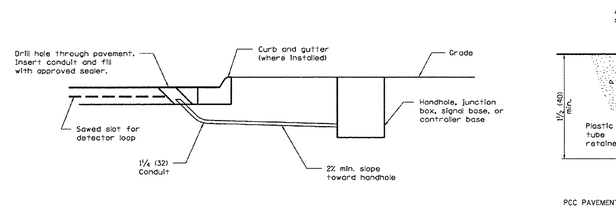
STEEL MAST ARM MOUNTING

DATE	REVISIONS
1-1-09	Omitted note regarding units of length.
1-1-02	Renum. Standard 840006.

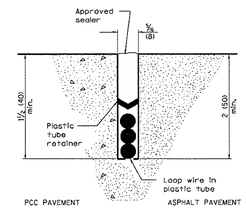
TRAFFIC SIGNAL MOUNTING DETAILS

STANDARD 880006-01

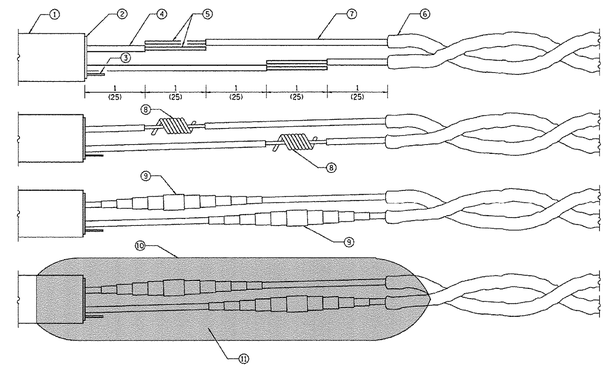
Illinois Department of Transportation
APPROVED January 1, 2009 — ENGINEER OF OPERATIONS
APPROVED January 1, 2009 — ENGINEER OF DESIGN AND ENVIRONMENT
STANDARD 880006-01 — 2009



DETECTOR LOOP LEAD-IN

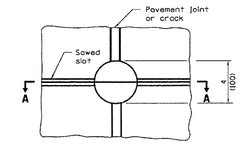


DETECTOR LOOP INSTALLATION

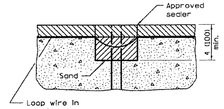


LOOP WIRE AND LEAD-IN CABLE SPLICE

① = Lead-in cable (single pair or multipair)
② = Lead-in cable shield
③ = Lead-in cable shield drain-wire
④ = Lead-in cable insulated conductor
⑤ = Bare conductor
⑥ = Loop wire in tube
⑦ = Loop wire insulated conductor
⑧ = Twisted and resin soldered conductor
⑨ = Electrical tape insulated splice
⑩ = Rigid mold
⑪ = Waterproof and dielectric resin



PLAN



SECTION A-A

NOTE
Loop wire shall follow saw cut to bottom, forming slack section at joint.

DETECTOR LOOP AT PAVEMENT JOINT OR PAVEMENT CRACK

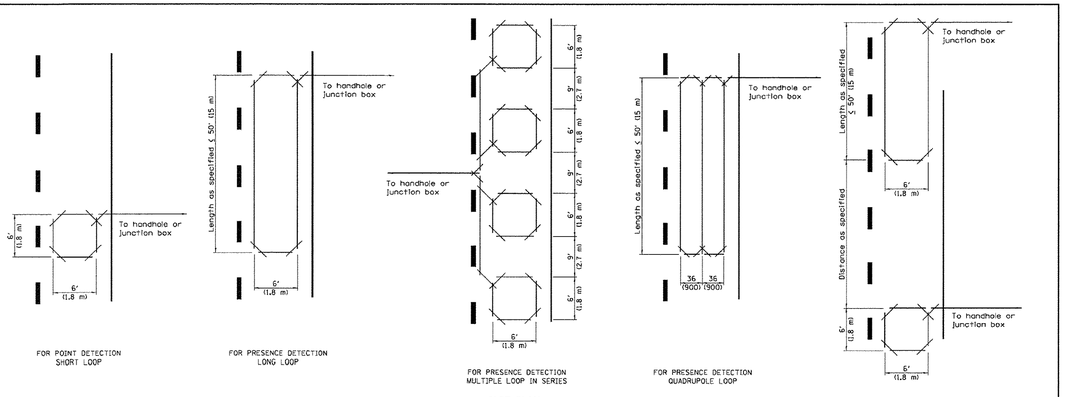
All dimensions are in inches (millimeters) unless otherwise shown.

DATE	REVISIONS
1-1-09	Switched units to English (metric)
1-1-02	Renum. Standard 846001.

DETECTOR LOOP INSTALLATIONS

STANDARD 886001-01

Illinois Department of Transportation
APPROVED January 1, 2009 — ENGINEER OF OPERATIONS
APPROVED January 1, 2009 — ENGINEER OF DESIGN AND ENVIRONMENT
STANDARD 886001-01 — 2009



FOR POINT DETECTION SHORT LOOP

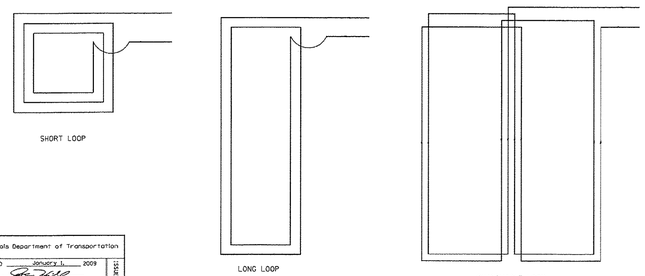
FOR PRESENCE DETECTION LONG LOOP

FOR PRESENCE DETECTION MULTIPLE LOOP IN SERIES

FOR PRESENCE DETECTION QUADRUPOLE LOOP

FOR EXTENDED-CALL DETECTION

SLOT PLAN



WIRING DIAGRAM

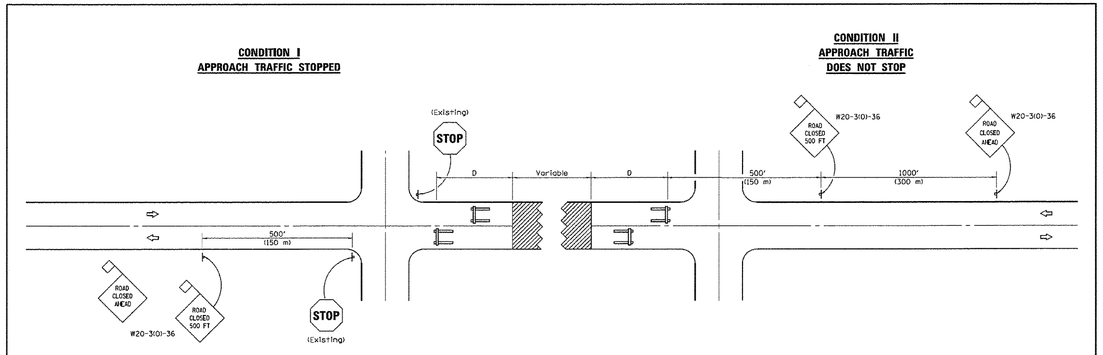
All dimensions are in inches (millimeters) unless otherwise shown.

DATE	REVISIONS
1-1-09	Switched units to English (metric)
1-1-02	Renum. Standard 846006.

TYPICAL LAYOUTS FOR DETECTION LOOPS

STANDARD 886006-01

Illinois Department of Transportation
APPROVED January 1, 2009 — ENGINEER OF OPERATIONS
APPROVED January 1, 2009 — ENGINEER OF DESIGN AND ENVIRONMENT
STANDARD 886006-01 — 2009



SYMBOLS

Work area

Type III Barricade

Sign with 18x18 (450x450) min. orange flag attached

GENERAL NOTES

Type III Barricades and R11-4-6030 signs shall be positioned as shown in the "Road Closed To All Traffic" detail on Highway Standard 701901. If the distance "D" exceeds 2000' (600 m), an additional set of barricades and R11-4-6030 shall be placed at each end of the work area.

Two Type A Low Intensity Flashing Lights shall be used on each approach in advance of the work area. One light shall be installed above each barricade. If only one barricade is required, the other light shall be installed above the first advance warning sign.

All warning signs shall have minimum dimensions of 36 x 36 (900 x 900) and have a black legend on an orange reflectorized background.

When fluorescent signs are used, orange flags are not required.

Longitudinal dimensions may be adjusted to fit field conditions.

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

DATE	REVISIONS
1-1-12	Omitted two notes from GENERAL NOTES.
1-1-09	Revised General Notes and switched units to English (metric).

TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS

(TWO-LANE TWO WAY RURAL TRAFFIC) (ROAD CLOSED TO THRU TRAFFIC)

STANDARD B.L.R. 22-7

Illinois Department of Transportation
APPROVED January 1, 2012 — ENGINEER OF LOCAL ROADS AND STREETS
APPROVED January 1, 2012 — ENGINEER OF DESIGN AND ENVIRONMENT
STANDARD B.L.R. 22-7 — 2012

FILE LOCATION=
X:\Projects\City\Current\12-00348-00-BT DHS SHARED PATH\CIVIL\CONSTRUCTION\DETAILS.DGN

DESIGNED	- ENC	REVISED	-
DRAWN	- COD	REVISED	-
CHECKED	- RDS	REVISED	-
DATE	- 8/31/2016	REVISED	-

CITY OF DANVILLE, 17 WEST MAIN STREET
DANVILLE, ILLINOIS 61832
TELEPHONE: 217.431.2400

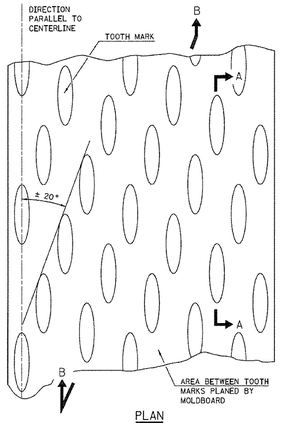
DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

DANVILLE HIGH SCHOOL SHARED USE PATH STANDARDS & DISTRICT 5 CADD DETAILS XIX

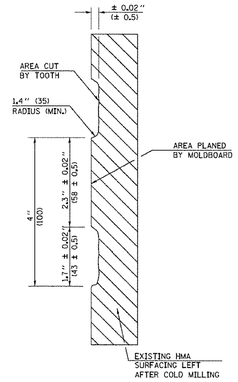
SCALE: NTS

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
*	12-00348-00-BT	Vermilion	94	91
	CONTRACT NUMBER 91498			

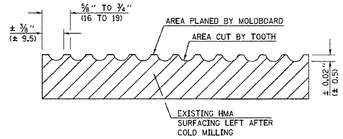
REQUIRED SURFACE TEXTURE



PLAN



SECTION A-A



SECTION B-B PROJECTED PERPENDICULAR TO CENTERLINE

NOTES

1. SURFACE CORRECTION SHALL CONSIST OF TWO PROCESSES: CUTTING WITH CARBIDE TEETH MOUNTED ON A ROTATING DRUM, AND PLANING WITH A MOLDBOARD MOUNTED IMMEDIATELY BEHIND THE CUTTING DRUM.
2. OTHER SIMILAR PATTERNS WILL BE ACCEPTABLE IF THEY CONSIST OF A SMOOTH, FLAT, PLANED SURFACE INTERSPERSED WITH A PATTERN OF DISCONTINUOUS LONGITUDINAL STRIATIONS.
3. FOR BASIS OF PAYMENT SEE RECURRING SPECIAL PROVISION "HOT-MIX ASPHALT SURFACE CORRECTION", CHECK SHEET #13.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = enc/gre	DESIGNED -	REVISED - 11/06
		DRAWN -	REVISED - 08/11
	PLOT SCALE = 40.000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 8/12/2011	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HOT-MIX ASPHALT SURFACE CORRECTION

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

DISTRICT 5 DETAIL NO. 44000080

C.S. DIST.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CONTRACT NO.		

FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT

FILE LOCATION=
X:\Projects\City\Current\Liz-00348-00-BT DHS SHARED PATH\CIVIL\CONSTRUCTION\DETAILS.DGN

DESIGNED - ENC	REVISED -	
DRAWN - COD	REVISED -	
CHECKED - RDS	REVISED -	
DATE - 8/31/2016	REVISED -	

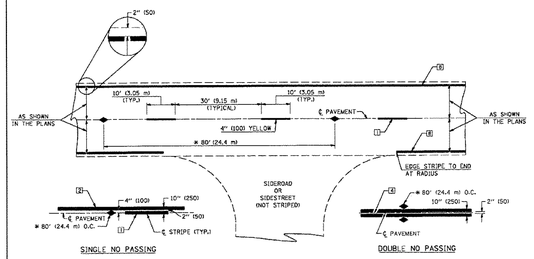
CITY OF DANVILLE, 17 WEST MAIN STREET
DANVILLE, ILLINOIS 61832
TELEPHONE: 217.431.2400

DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

DANVILLE HIGH SCHOOL SHARED USE PATH
STANDARDS & DISTRICT 5 CADD DETAILS XX

SCALE: NTS

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
•	12-00348-00-BT	Vermilion	94	92
	CONTRACT NUMBER 91498			



SINGLE NO PASSING

DOUBLE NO PASSING

* REDUCE TO 40' (12.2 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEEDS OF 45 mph (70 km/h) OR LESS.

TWO LANE/TWO WAY

TYPICAL PAVEMENT MARKING LEGEND

1. 4" (100) SKIP-DASH (YELLOW)
2. 4" (100) SOLID (YELLOW)
3. 12" (300) DIAGONAL (YELLOW)
4. 4" (100) DOUBLE YELLOW (NARROW)
5. RESERVED
6. RESERVED
7. 4" (100) SKIP-DASH (WHITE)
8. 4" (100) SOLID (WHITE)
9. 12" (300) DIAGONAL (WHITE)
10. 6" (150) SOLID (WHITE)
11. 24" (600) STOP BAR (WHITE)
12. 8" (200) SOLID (WHITE)
13. 4" (100) LANE LINE EXTENSIONS (WHITE)
14. 4" (100) PARKING WHITE

TYPICAL PAVEMENT MARKERS LEGEND

- TWO-WAY AMBER MARKER
- ONE-WAY AMBER MARKER
- ONE-WAY CRYSTAL MARKER

RURAL LEFT TURN

*** REDUCE SPACING IF NECESSARY TO ASSURE MARKERS AT CORNER POINTS.

** TURN ARROWS SHALL BE PLACED AS SHOWN ON SHEET *2.

Notes: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 7800AAAA

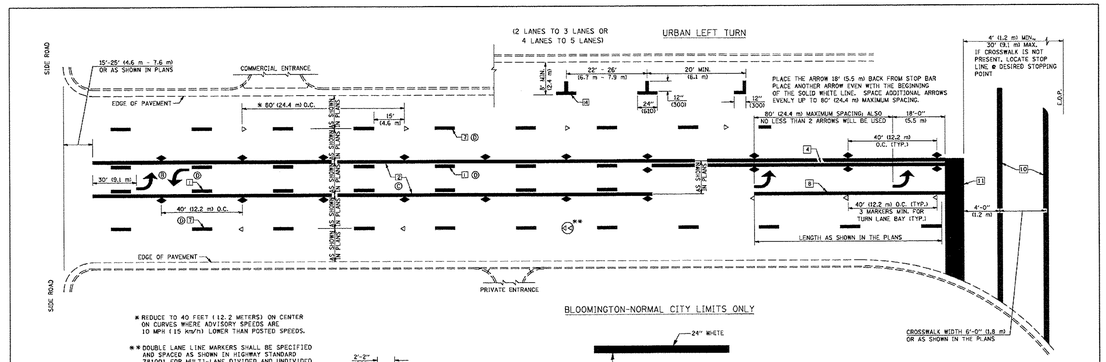
FILE NAME =	USER NAME = srieger	DESIGNED -	REVISED - 11/06
		DRAWN -	REVISED - 05/2009 - KJT
	PLOT SCALE = 40.0000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 9/8/2009	DATE -	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)

SCALE: | SHEET NO. 1 OF 4 SHEETS | STA. | TO STA.

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



* REDUCE TO 40 FEET (12.2 METERS) ON CENTER ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH (15 km/m) LOWER THAN POSTED SPEEDS.

** DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED AND SPACED AS SHOWN IN HIGHWAY STANDARD 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED HIGHWAYS.

BLOOMINGTON-NORMAL CITY LIMITS ONLY

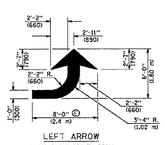
GENERAL NOTES:

(B) TURN ARROW PAIRS SHALL BE PLACED AT 250' (75 m) INTERVALS AND SHALL BE EVENLY SPACED BETWEEN BOTH ENDS OF THE BIDIRECTIONAL LEFT TURN LANE.

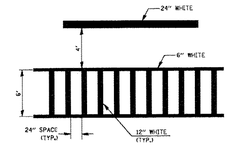
(C) THE SOLID YELLOW PAVEMENT MARKINGS [6] SHOULD GENERALLY START ON END NEAR THE RADIUS POINT OF EACH STREET RETURN EXCEPT WHERE ONE OR BOTH ENDS WOULD INCLUDE STOP BARS.

(D) THE SKIP-DASH PAVEMENT MARKINGS [1] OR [7] SHOULD BE CENTERED BETWEEN BOTH ENDS OF EACH CITY BLOCK AND SHALL BE PLACED SO THEY LINE UP ACROSS FROM EACH OTHER. SEE EXAMPLE ON SHEET 2 OF 3.

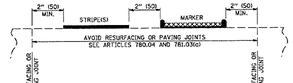
(E) USE LARGE ARROW SIZE FOR BOTH RURAL AND URBAN LOCATIONS. (SEE LAST PAGE OF SECTION 780x FOR SYMBOLS TABLE)



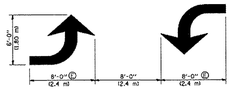
LEFT ARROW
REVERSE FOR RIGHT ARROW
AREA = 15.6 SQ. FT. (1.47 m²)
(WHITE)



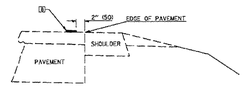
TYPICAL SPACING FOR CROSSWALKS & STOP BARS



RELATIONSHIP OF STRIPES, MARKERS AND JOINTS



TYPICAL DOUBLE TURN ARROWS (WHITE)



RELATIONSHIP OF EDGE LINE TO EDGE OF PAVEMENT
(SAFETY SHOULDER OR PAVED SURFACE)
SEE ARTICLE 780.04

Notes: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 7800AAAA

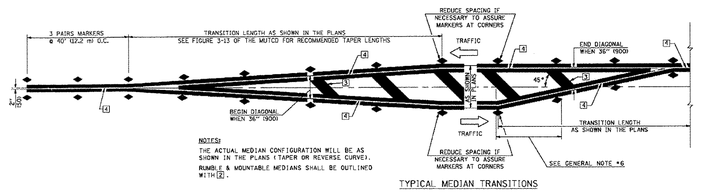
FILE NAME =	USER NAME = srieger	DESIGNED -	REVISED - 11/06
		DRAWN -	REVISED - 05/2009 - KJT
	PLOT SCALE = 40.0000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 9/8/2009	DATE -	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)

SCALE: | SHEET NO. 2 OF 4 SHEETS | STA. | TO STA.

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

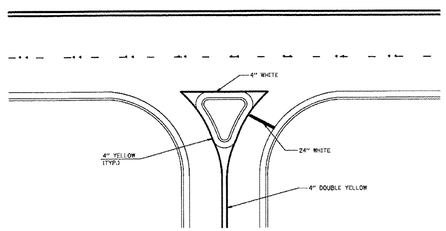


NOTES:
THE ACTUAL MEDIAN CONFIGURATION WILL BE AS SHOWN IN THE PLANS (TAPER OR REVERSE CURVE).
RUMBLE & MOUNTABLE MEDIANS SHALL BE OUTLINED WITH [2].

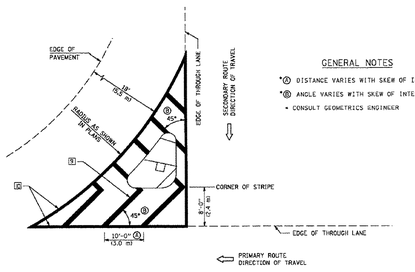
TYPICAL MEDIAN TRANSITIONS

GENERAL NOTES

1. WHEN MEDIANS ARE PRESENT, PAVEMENT MARKINGS ARE TO BE PLACED ADJACENT TO MEDIANS.
2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
3. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
4. A STRIPING KEY IS AVAILABLE ELSEWHERE AND SHALL BE SHOWN WHERE THE QUANTITIES ARE LISTED.
5. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING ANY RAISED REFLECTIVE PAVEMENT MARKERS.
6. THE FOLLOWING CRITERIA SHALL BE USED FOR SELECTING THE DIAGONAL PAVEMENT MARKING SPACING.
   <30 MPH USE 15' (<50 km/h USE 4.5 m)
   30-45 MPH USE 20' (50-75 km/h USE 6.0 m)
   >45 MPH USE 30' (>75 km/h USE 9.0 m)



RIGHT IN - RIGHT OUT ACCESS



ISLAND

GENERAL NOTES

*(A) DISTANCE VARIES WITH SKEW OF INTERSECTION.

*(B) ANGLE VARIES WITH SKEW OF INTERSECTION.

* CONSULT GEOMETRICS ENGINEER

Notes: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 7800AAAA

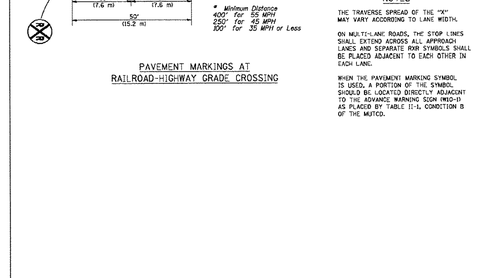
FILE NAME =	USER NAME = srieger	DESIGNED -	REVISED - 11/06
		DRAWN -	REVISED - 05/2009 - KJT
	PLOT SCALE = 40.0000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 9/8/2009	DATE -	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)

SCALE: | SHEET NO. 3 OF 4 SHEETS | STA. | TO STA.

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



PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING

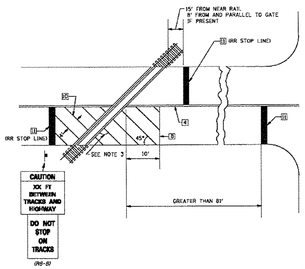
NOTES

THE TRAVERSE SPREAD OF THE "X" MAY VARY ACCORDING TO LANE WIDTH.

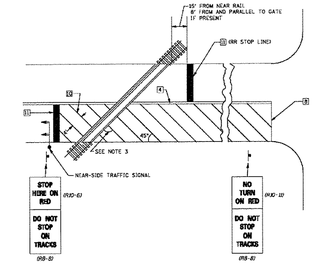
ON MULTI-LANE ROADS, THE STOP LINES SHALL EXTEND ACROSS ALL APPROACH LANES AND SEPARATE RRR SYMBOLS SHALL BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.

WHEN THE PAVEMENT MARKING SYMBOL IS USED, A PORTION OF THE SYMBOL SHOULD BE LOCATED DIRECTLY ADJACENT TO THE ADVANCE WARNING SIGN (W10-1) AS PLACED BY TABLE II-1, CONDITION B OF THE MUTCD.

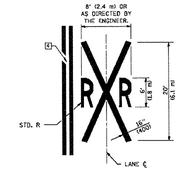
RAILROAD CROSSING WITH INTERCONNECT ONLY



RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING



GENERAL NOTES

1. SUPPLEMENTAL PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
2. EXTEND PAVEMENT MARKINGS TO THE INTERSECTION ONLY WHERE NEAR-SIDE TRAFFIC SIGNALS ARE USED.
3. WHERE THE ANGLE BETWEEN THE DIAGONAL PAVEMENT MARKINGS AND THE TRACK WOULD BE LESS THAN 20°, THE PAVEMENT MARKINGS SHOULD BE PLACED IN THE OPPOSITE DIRECTION FROM THAT SHOWN.

Notes: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 7800AAAA

FILE NAME =	USER NAME = srieger	DESIGNED -	REVISED - 11/06
		DRAWN -	REVISED - 05/2009 - KJT
	PLOT SCALE = 40.0000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 9/8/2009	DATE -	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)

SCALE: | SHEET NO. 4 OF 4 SHEETS | STA. | TO STA.

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

FILE LOCATION = X:\Projects\City\Current\12-00348-00-BT DHS SHARED PATH\CIVIL\CONSTRUCTION\DETAILS.DGN

DESIGNED	- ENC	REVISED	-
DRAWN	- COD	REVISED	-
CHECKED	- RDS	REVISED	-
DATE	- 8/31/2016	REVISED	-

CITY OF DANVILLE, 17 WEST MAIN STREET
DANVILLE, ILLINOIS 61832
TELEPHONE: 217.431.2400

DEPARTMENT OF ENGINEERING

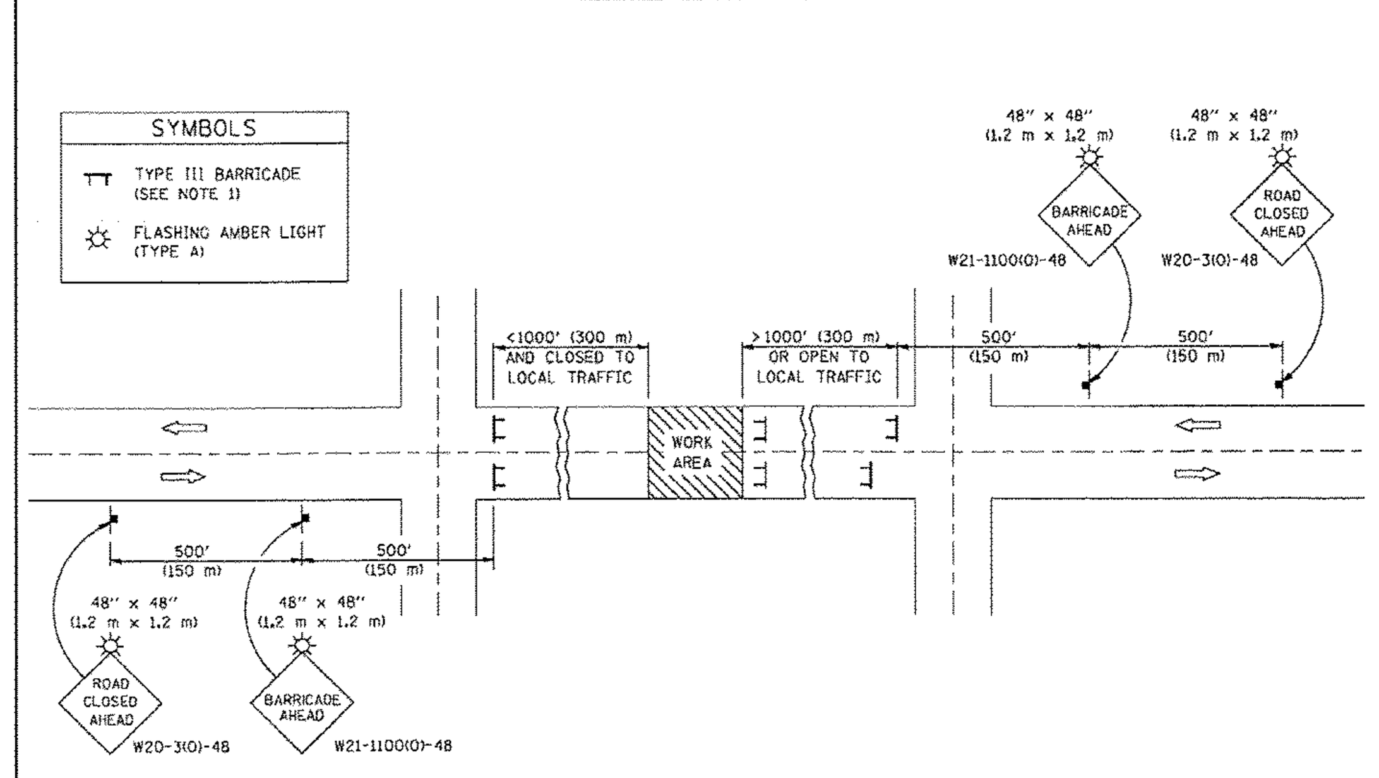
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

DANVILLE HIGH SCHOOL SHARED USE PATH STANDARDS & DISTRICT 5 CADD DETAILS XXI

SCALE: NTS

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEET SHEETS	NO.
•	12-00348-00-BT	Vermilion	94	93
CONTRACT NUMBER 91498				

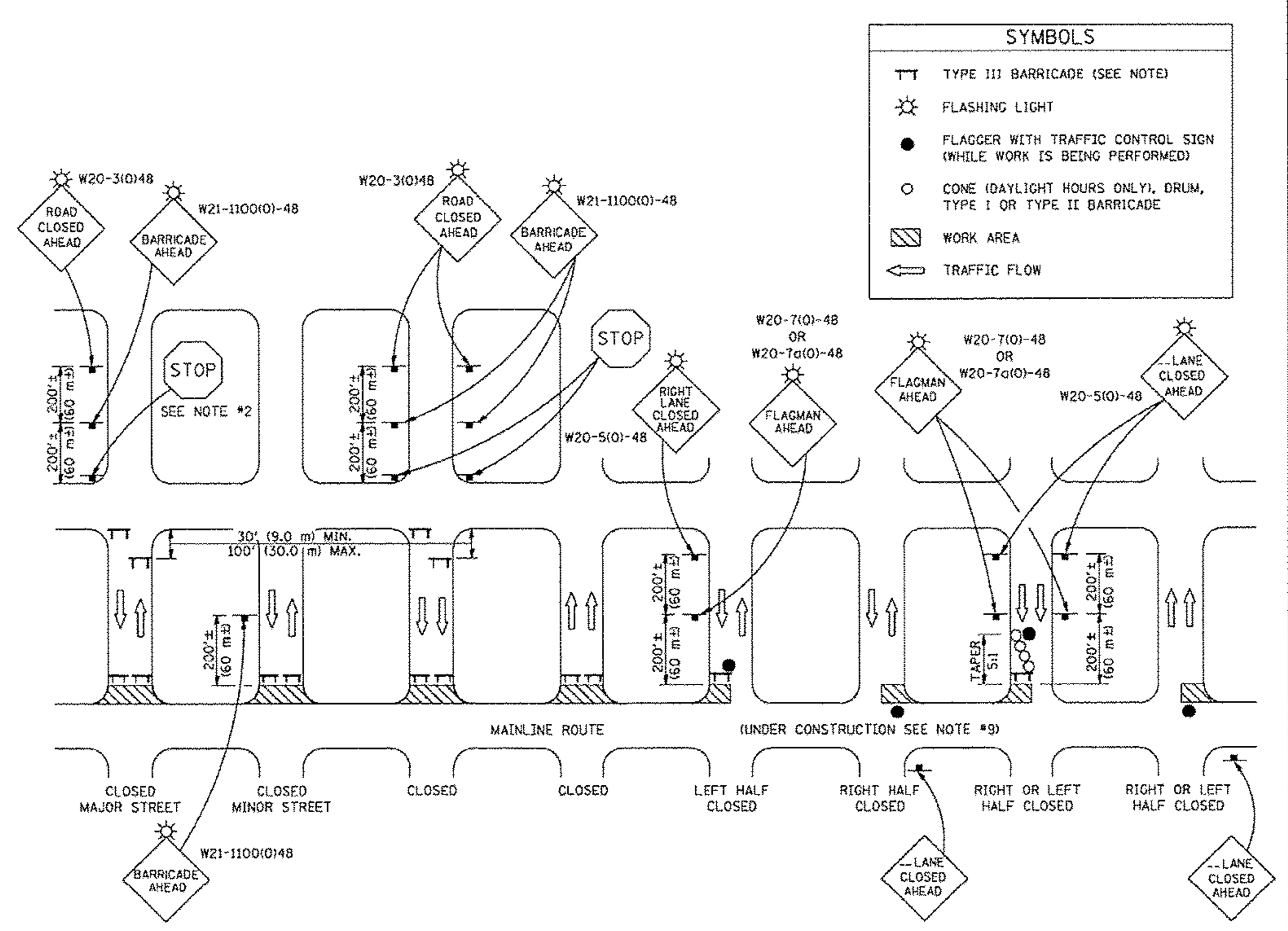
ROAD CLOSURE



GENERAL NOTES

1. TYPE III BARRICADES SHALL BE AS SHOWN ON STANDARD 701901 "TYPICAL APPLICATIONS OF TYPE III BARRICADES CLOSING A ROAD". EACH TYPE III BARRICADE SHALL HAVE TWO FLASHING AMBER LIGHTS MOUNTED ABOVE IT.
2. IF THE ROAD IS OPEN TO LOCAL TRAFFIC OR EXCEEDS 1000' (300 m), ANOTHER SET OF TYPE III BARRICADES, EQUIPPED AS IN NOTE 1 ABOVE, SHALL BE PLACED AT EACH END OF THE WORK AREA.
3. WHEN A STOP CONDITION EXISTS, NO SIGNS ARE REQUIRED IN ADVANCE OF THE "STOP" SIGN WHEN THE ROAD IS CLOSED WITHIN 100' (30 m) OF THE INTERSECTION.
4. STANDARD 701901 SHALL APPLY FOR THE PLACEMENT & DESIGN OF TYPE III BARRICADES.
5. IF A TYPE III BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 IS NOT AVAILABLE, THE SIGNS MAY BE MOUNTED ON AN NCHRP 350 TEMPORARY SIGN SUPPORT DIRECTLY IN FRONT OF THE BARRICADE.
6. REFLECTORIZED STRIPING SHALL APPEAR ON BOTH SIDES OF THE TY III BARRICADES IF ROAD IS OPEN TO LOCAL TRAFFIC.
7. ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
8. A MINIMUM OF TWO FLASHING LIGHTS SHALL BE USED AT NIGHT ON EACH APPROACH IN ADVANCE OF THE WORK AREA. FLASHING LIGHTS SHALL BE INSTALLED ABOVE THE FIRST TWO SIGNS IN THE SERIES.
9. LONGITUDINAL DIMENSIONS MAY BE ADJUSTED SLIGHTLY TO FIT FIELD CONDITIONS.
10. FORMS BT. 725 AND BT. 726 ARE REQUIRED.
11. WHEN A SIDEROAD INTERSECTS THE HIGHWAY ON WHICH WORK IS BEING PERFORMED, ADDITIONAL TRAFFIC DEVICES SHALL BE ERECTED AND PROVIDED AS DIRECTED BY THE ENGINEER.
12. AN ADDITIONAL SIGN MAY BE REQUIRED AT A MAJOR INTERSECTING ROAD IN ADVANCE OF THE CLOSURE. THE ADDITIONAL SIGN SHALL GIVE THE DISTANCE TO THE BARRICADE IN MILES OR FRACTIONS OF A MILE.

SIDEROAD / STREET CLOSURE



GENERAL NOTES

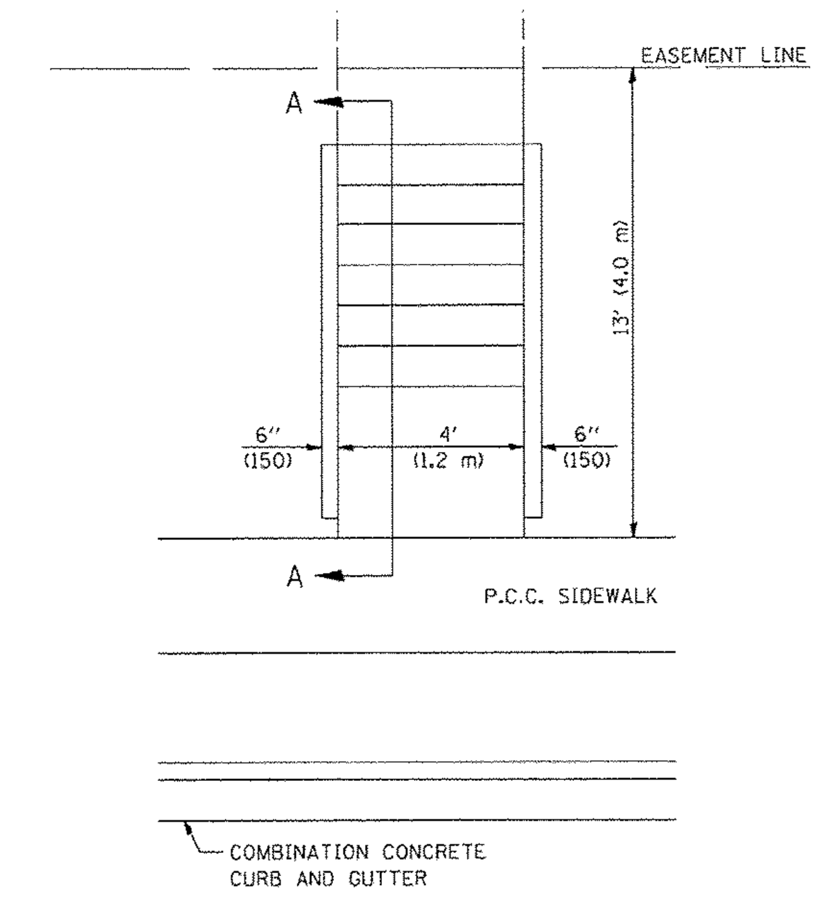
1. TYPE III BARRICADES SHALL BE AS SHOWN ON "TYPICAL APPLICATIONS OF TYPE III BARRICADES CLOSING A ROAD". EACH TYPE III BARRICADE SHALL HAVE TWO FLASHING AMBER LIGHTS MOUNTED ABOVE IT.
2. WHERE A STOP CONDITION EXISTS, AS SHOWN ABOVE, WARNING SIGNS MAY BE OMITTED IN ADVANCE OF THE "STOP" SIGN.
3. STANDARD 701901 SHALL APPLY FOR THE PLACEMENT & MANUFACTURE OF TYPE III BARRICADES.
4. ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
5. ONE FLASHING LIGHT IS REQUIRED ABOVE EACH ADVANCE WARNING SIGN DURING HOURS OF DARKNESS.
6. LONGITUDINAL DIMENSIONS MAY BE ADJUSTED SLIGHTLY TO FIT FIELD CONDITIONS.
7. FORMS BT 725 AND BT 726 ARE REQUIRED.
8. THE MAINLINE ROUTE TEMPORARY TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE PLANS, SPECIAL PROVISIONS AND STANDARD SPECIFICATIONS.
9. ALL FLAGGERS REQUIRED AT SIDE ROADS AND ENTRANCES REMAINING OPEN TO TRAFFIC AND/OR ADDITIONAL BARRICADES REQUIRED BY THE ENGINEER TO CLOSE SIDE ROADS AND ENTRANCES WILL BE PAID FOR ACCORDING TO ARTICLE 109.04.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

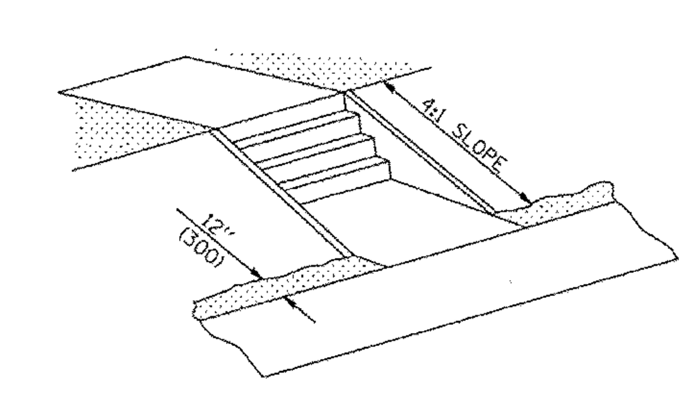
DISTRICT 5 DETAIL NO. 70200000

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

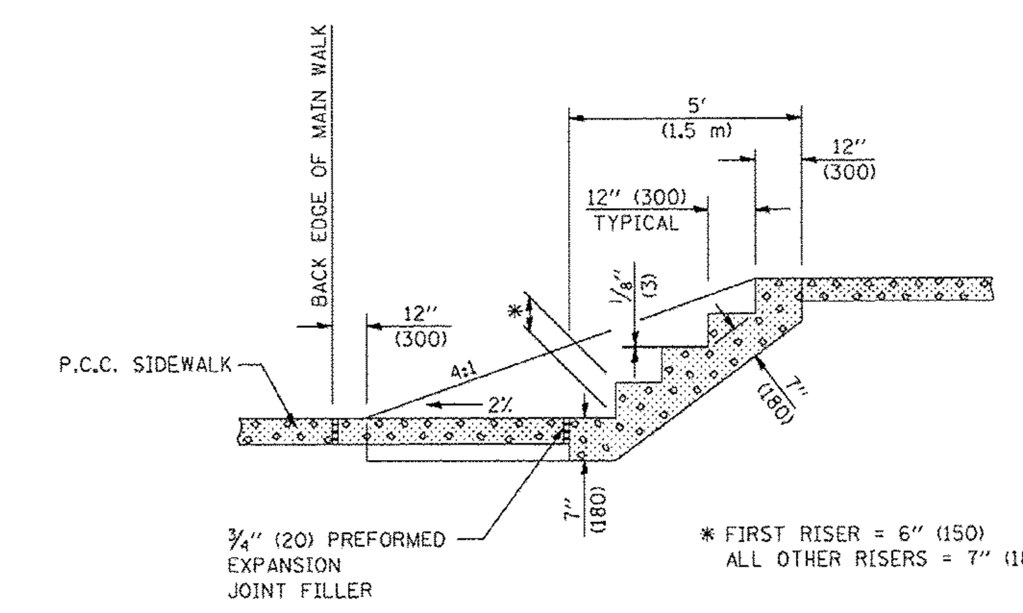
TRAFFIC CONTROL & PROTECTION DEVICES (ROAD & SIDEROAD/STREET CLOSURES)



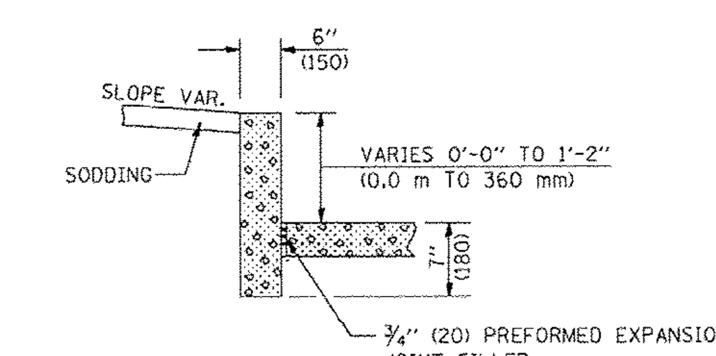
PLAN



ISOMETRIC



SECTION A-A



SECTION THROUGH WALL

GENERAL NOTES

1. CLASS SI CONCRETE SHALL BE USED THROUGHOUT.
2. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD (CUBIC METER) FOR CLASS SI CONCRETE (MISCELLANEOUS) WHICH PRICE SHALL BE PAYMENT IN FULL FOR ALL MATERIAL AND LABOR, INCLUDING EXCAVATION AND PREFORMED EXPANSION JOINT FILLER TO COMPLETE THE WORK. NO WELDED WIRE FABRIC IS REQUIRED.

ESTIMATED QUANTITY

2.1 CU. YD. (1.6 m^3) CLASS SI CONCRETE (MISCELLANEOUS)

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. X0325279

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PORTLAND CEMENT CONCRETE SIDEWALK STEPS

FILE LOCATION =
X:\Projects\City\Current\12-00348-00-BT DHS SHARED PATH\CIVIL\CONSTRUCTION\DETAILS.DGN

DESIGNED - ENC	REVISED -		
DRAWN - COD	REVISED -		
CHECKED - RDS	REVISED -		
DATE - 8/31/2016	REVISED -		

CITY OF DANVILLE, 17 WEST MAIN STREET
DANVILLE, ILLINOIS 61832
TELEPHONE: 217.431.2400

DEPARTMENT OF ENGINEERING
DANVILLE, IL R. DAVID SCHNELLE, CITY ENGINEER

DANVILLE HIGH SCHOOL SHARED USE PATH
STANDARDS & DISTRICT 5 CADD DETAILS XXII

SCALE: NTS

RTE.	PROJECT NUMBER	COUNTY	TOTAL SHEETS	SHEET NO.
•	12-00348-00-BT	Vermilion	94	94
CONTRACT NUMBER 91498				