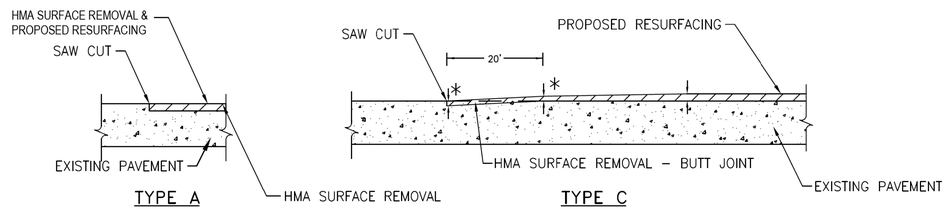
PLAN | SURVEYED | DRAWN | ALIGNMENT CHECKED | RT. OF WAY CHECKED | ROAD ENG. NAME | NOTE BOOK | NO. | BY | DATE

PROFILE | SURVEYED | DRAWN | GRADES CHECKED | B.M. NOTED | STRUCTURE NOTATNS. CHK'D | NOTE BOOK | NO. | BY | DATE

BUTT JOINT DETAILS



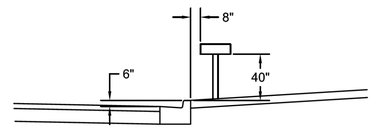
∗ HMA SURFACE THICKNESS
∗∗ HMA BINDER OR LEVEL BINDER THICKNESS
∗∗∗ MINIMUM HMA LEVEL/BINDER THICKNESS

NOTES

SAW CUT SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST FOR HMA SURFACE REMOVAL OR PAVEMENT REMOVAL

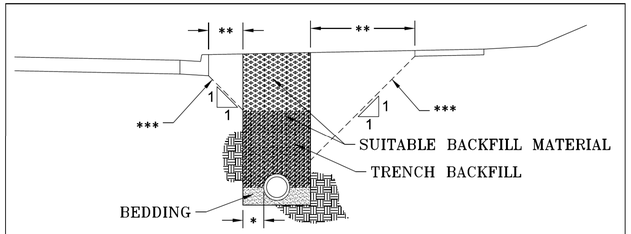
12-14-2017
DuPage County D.O.T

MAILBOX LAYOUT



NOTE: USE LOCAL STANDARD IF APPLICABLE

1/29/2018
DuPAGE COUNTY D.O.T.



* TRENCH WIDTH PER ARTICLE 550.04 OF THE STANDARD SPECIFICATIONS. WHERE THE TRENCH WIDTH IS WIDER, THE ADDITIONAL TRENCH BACKFILL SHALL BE AT THE CONTRACTOR'S EXPENSE.

*** LINE OF INFLUENCE:
USE TRENCH BACKFILL MATERIAL FOR THE FULL WIDTH OF THE TRENCH WHEN THE INNER EDGE OF THE TRENCH IS BELOW A LINE EXTENDING 1H:1V FROM THE EDGE OF PAVEMENT, CURB, GUTTER, CURB AND GUTTER, STABILIZED SHOULDER, OR SIDEWALK.

DuPAGE COUNTY TRENCH BACKFILL DETAIL

1/31/2018
DuPAGE COUNTY D.O.T.

CIVILTECH
Two Pierce Place, Suite 1400
Itasca, Illinois 60143
Tel: 630.773.3900 Fax: 630.773.3975
www.civiltechinc.com

DESIGNED - JRR	REVISED -	
DRAWN - TGB	REVISED -	
CHECKED - JRV	REVISED -	
DATE - 09/06/2018	REVISED -	

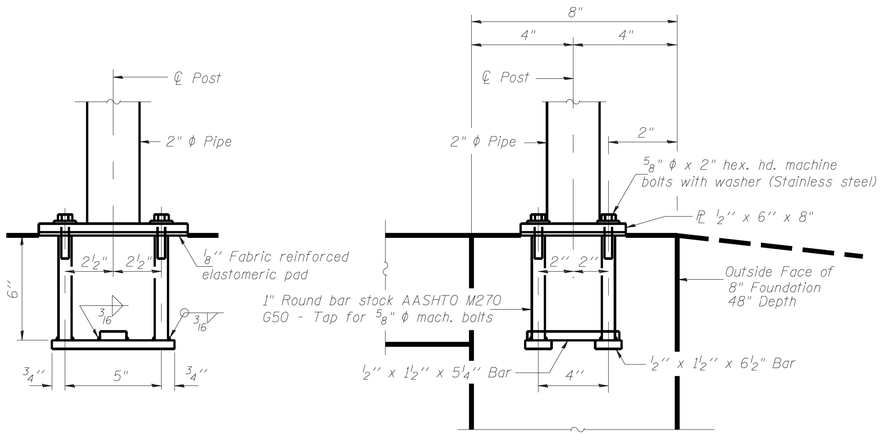
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NO SCALE

ROADWAY DETAILS

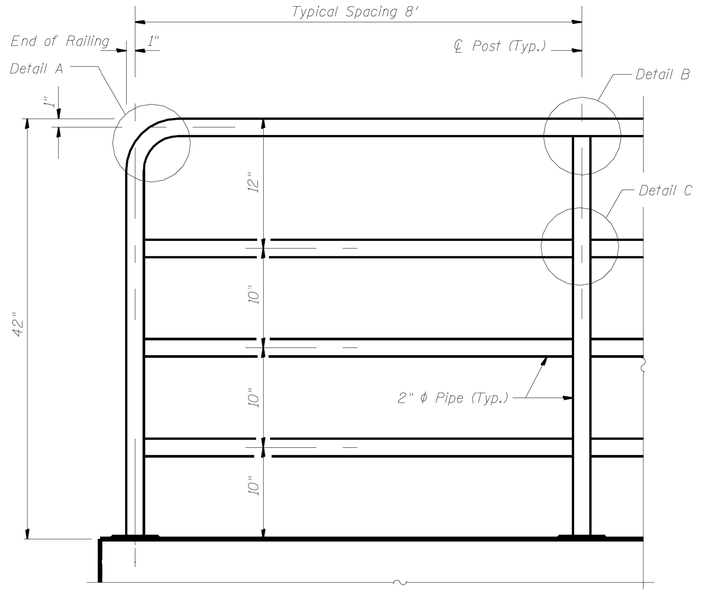
SHEET NO. 4 OF 17 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	11-00302-04-CH	DUPAGE	341	301
		CONTRACT NO. 61E06		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



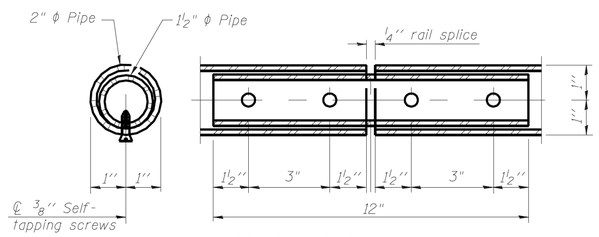
ANCHOR BOLT DETAILS

In lieu of the cast-in-place anchor device shown, the Contractor has the option of drilling and setting ⅝" ϕ anchor rods according to Article 509.06 of the Standard Specifications. Embedment shall be according to the manufacturer's specifications.

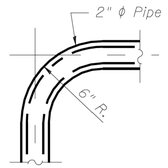


PEDESTRIAN RAILING ELEVATION

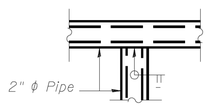
BASE PL



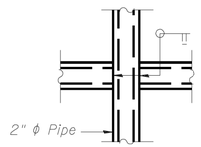
HANDRAIL SPLICE



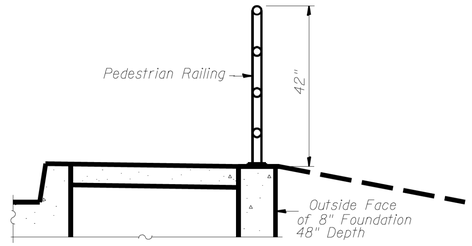
DETAIL A



DETAIL B



DETAIL C



SECTION THRU SIDEWALK

NOTES

Railing shall be according to section 509 of the Standard Specifications, except as noted, and will be paid for at the Contract Unit Price per foot for PEDESTRIAN RAILING, SPECIAL.

Hollow structural steel tubing shall conform to the requirements of ASTM designation A 500, Grade B, structural steel tubing.

All other steel shapes and plates shall conform to the requirements of AASHTO M270 Grade 36.

All posts, railing, splices, anchor devices, and bent plates shall be galvanized after shop fabrication according to AASHTO M 111 and ASTM A 385. All bolts, nuts, washers, and anchor rods shall be galvanized according to AASHTO M 232 except stainless steel bolts as noted.

Vent holes for galvanized shall be placed in posts and rails at locations that will not allow the accumulation of moisture in the members.

All posts, rails, base plates and all components shall be cleaned and powder coated (electrostatically applied), in accordance with Article 1006.29(b)(5) of the Standard Specifications except as noted in the Special Provisions.

Post foundations shall be 8" diameter and 48" deep concrete set in a smooth round form. Locations shall be determined in the field by the Contractor and approved by the Engineer.

PEDESTRIAN RAIL (SPECIAL) DETAIL

PLAN
SURVEYED BY DATE
PLOTTED
ALIGNMENT CHECKED
GRADES CHECKED
NOTE BOOK RT. OF WAY CHECKED
NO. _____ BKM NOTED
STRUCTURE NO/TANKS CHKD
PROFILE

CIVILTECH
Two Pierce Place, Suite 1400
Itasca, Illinois 60143
Tel: 630.773.3900 Fax: 630.773.3975
www.civiltechinc.com

DESIGNED	- JRR	REVISED	-
DRAWN	- TGB	REVISED	-
CHECKED	- JRV	REVISED	-
DATE	- 09/06/2018	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NO SCALE

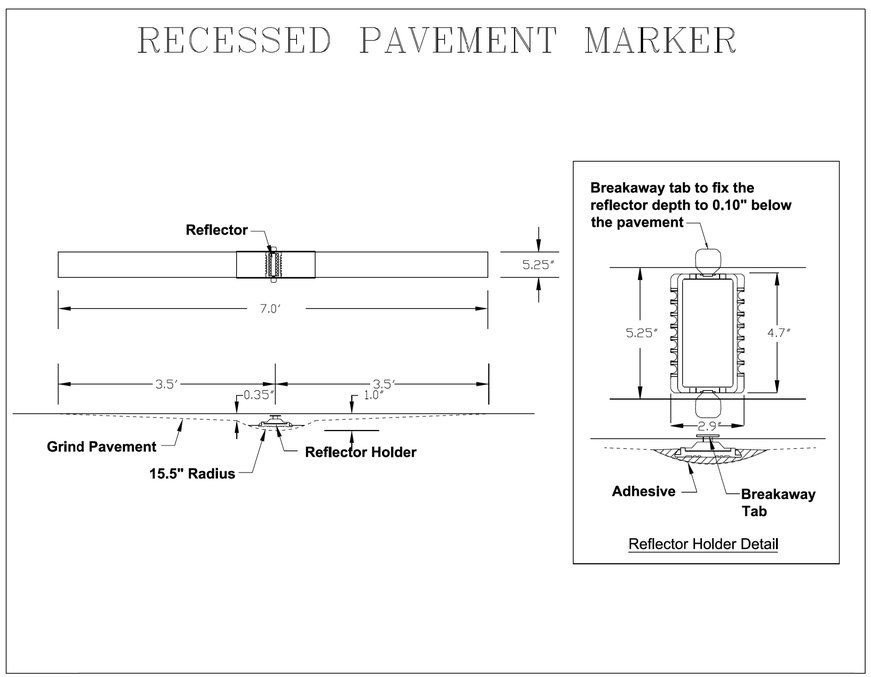
ROADWAY DETAILS

SHEET NO. 5 OF 17 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	11-00302-04-CH	DUPAGE	341	302
		CONTRACT NO. 61E06		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

PLAN | SURVEYED | BY | DATE
NOTE BOOK | DRAWN | CHECKED
NO. _____ | ALIGNMENT | CHECKED
RT. OF WAY | CHECKED
ROAD FILE NAME:

RECESSED PAVEMENT MARKER



Reflector Holder Detail

1/30/2018
DuPAGE COUNTY D.O.T.

PROFILE | SURVEYED | BY | DATE
NOTE BOOK | DRAWN | CHECKED
NO. _____ | GRADES | CHECKED
B.M. NOTED | STRUCTURE NOTATIONS CHKD

PAVEMENT MARKINGS AND PAVEMENT MARKERS

MATERIALS FOR PAVEMENT MARKINGS:

LOCATION	MATERIAL
ALL MARKINGS ON BITUMINOUS PAVEMENT	THERMOPLASTIC PAVEMENT MARKINGS
ALL MARKINGS ON CONCRETE SURFACES	URETHANE PAVEMENT MARKINGS

INSTALLATION OF PAVEMENT MARKINGS:

LOCATION	TYPE OF MARKING
PAINTED MEDIANS	4" DOUBLE YELLOW; 11" c-c AND 12" YELLOW @ 45°; 30' c-c
BARRIER MEDIANS	4" YELLOW
TURN BAY TAPERS ALONG THRU LANES	6" WHITE, 2' LONG, 6' SPACE (DOTTED WHITE)
START OF TURN BAYS	ARROW AND "ONLY"
END OF TURN BAYS 150'-200' LONG	ADDITIONAL ARROW 10' FROM END
TURN BAYS > 200' LONG	ADDITIONAL "ONLY"

ALL OTHER MARKINGS PER MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES OF ILLINOIS.

INSTALLATION OF RECESSED REFLECTIVE PAVEMENT MARKERS:

LOCATION	SPACING
DOUBLE YELLOW CENTERLINE, & SKIP-DASH WHITE LANE LINES	
APPROACH & DEPARTURE FROM INTERSECTIONS *	40'
* EQUAL TO LENGTH OF TURN BAY, OR 200'	
ALONG CURVES OR TAPERS	40'
TANGENT SECTIONS	80'
SOLID LANE LINES (TURN BAYS)	40'
END OF PAINTED MEDIANS	3 @ 3' LATERAL

LOCATION	TYPE
DOUBLE YELLOW CENTERLINE	2-WAY YELLOW
PAINTED MEDIANS ≤ 4' WIDE	2-WAY YELLOW
PAINTED MEDIANS >4' WIDE	1-WAY YELLOW
YELLOW LINE ALONG BARRIER MEDIANS	NONE **
** EXCEPT IN SPECIAL CIRCUMSTANCES	
SKIP-DASH WHITE LANE LINES, SOLID LANE LINES (TURN BAYS)	
2-WAY, UNDIVIDED ROADWAY	1-WAY WHITE
1-WAY ROADWAY, OR DIVIDED WITH BARRIER MEDIAN	2-WAY WHITE / RED

PROVIDE A 3M SERIES 190 REFLECTOR AND A MARKERONE SERIES R100 REFLECTOR HOLDER

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Two Pierce Place, Suite 1400
Itasca, Illinois 60143
Tel: 630.773.3900 Fax: 630.773.3975
www.civiltechinc.com

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DRAWN - TGB	REVISED -	
CHECKED - JRV	REVISED -	
DATE - 09/06/2018	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NO SCALE

ROADWAY DETAILS

SHEET NO. 6 OF 17 SHEETS

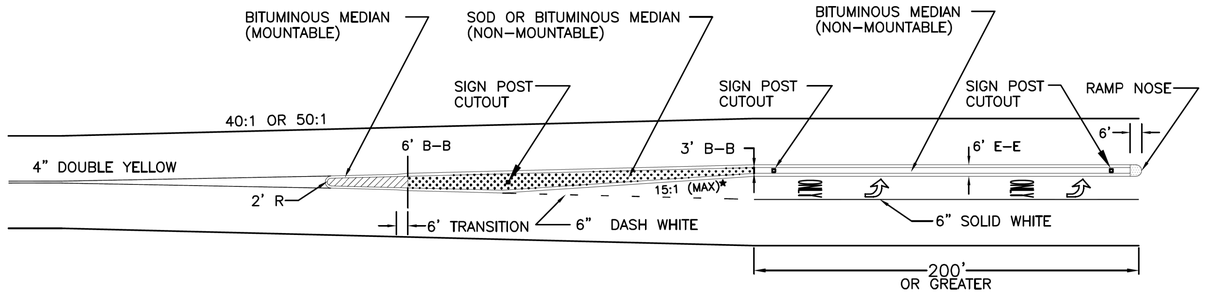
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	11-00302-04-CH	DUPAGE	341	303
		CONTRACT NO. 61E06		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

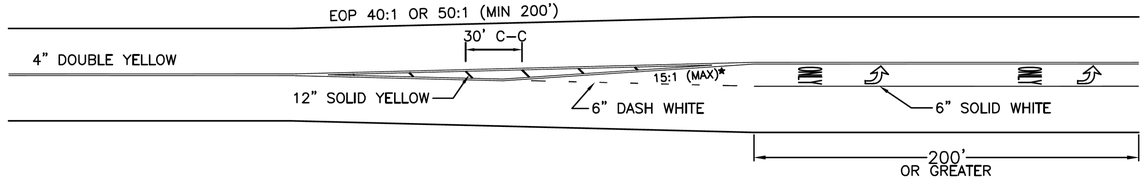
TYPICAL TURN BAYS

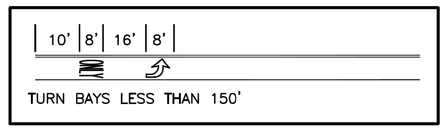
NOTES:

1. SEE MEDIAN DETAILS FOR MEDIAN DEPTH DESIGN, CURB TYPE, AND SIGN POST CUTOUTS.
2. ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC.

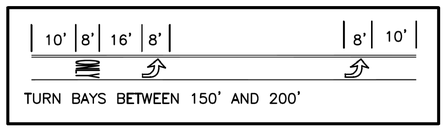
*ADJUST FOR CURVE SECTION (12:1/10:1)







TURN BAYS LESS THAN 150'



TURN BAYS BETWEEN 150' AND 200'

PLAN
SURVEYED
DRAWN
ALIGNMENT CHECKED
RT. OF WAY CHECKED
ROAD ENG. NAME
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
DRAWN
GRADES CHECKED
B.M. NOTED
STRUCTURE NOTATNS CHK'D
NOTE BOOK
NO.
BY
DATE

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DRAWN - TGB	REVISED -	
CHECKED - JRV	REVISED -	
DATE - 09/06/2018	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

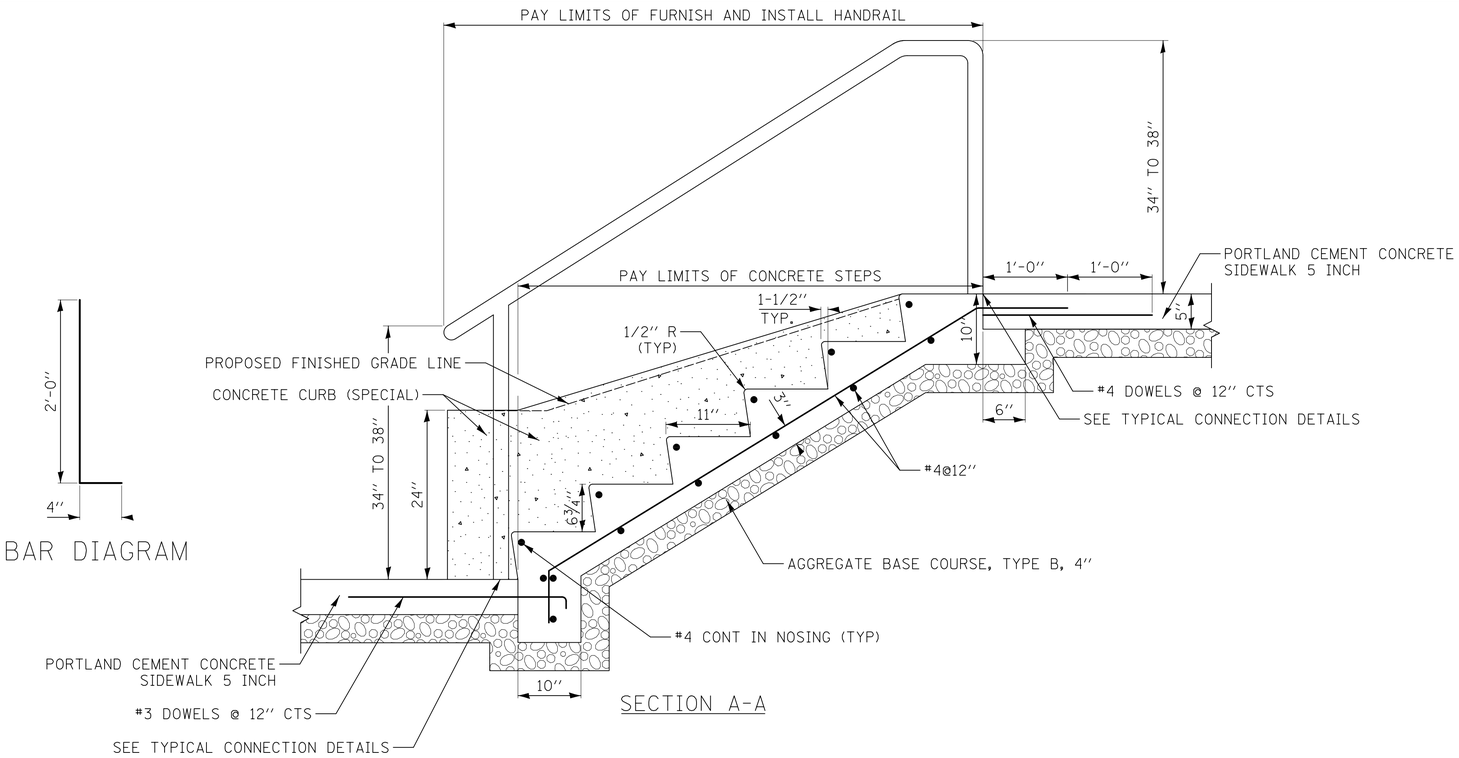
NO SCALE

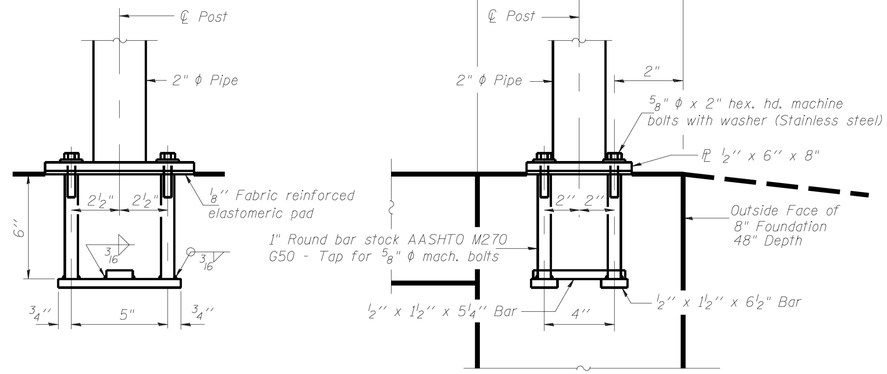
ROADWAY DETAILS

SHEET NO. 7 OF 17 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	11-00302-04-CH	DUPAGE	341	304
		CONTRACT NO. 61E06		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

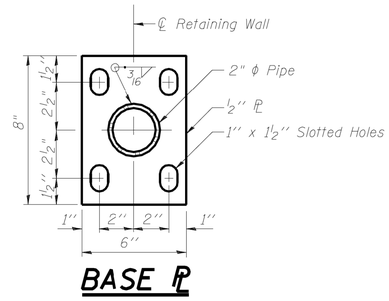
PLAN | SURVEYED | BY | DATE
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
NOTE BOOK
NO. ____ ROAD ENG. NAME





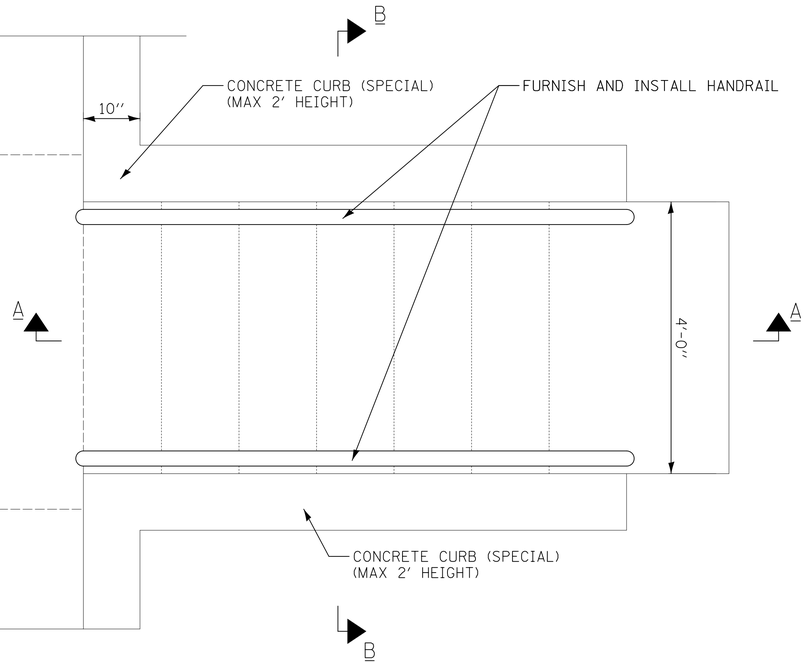
ANCHOR BOLT DETAILS

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.

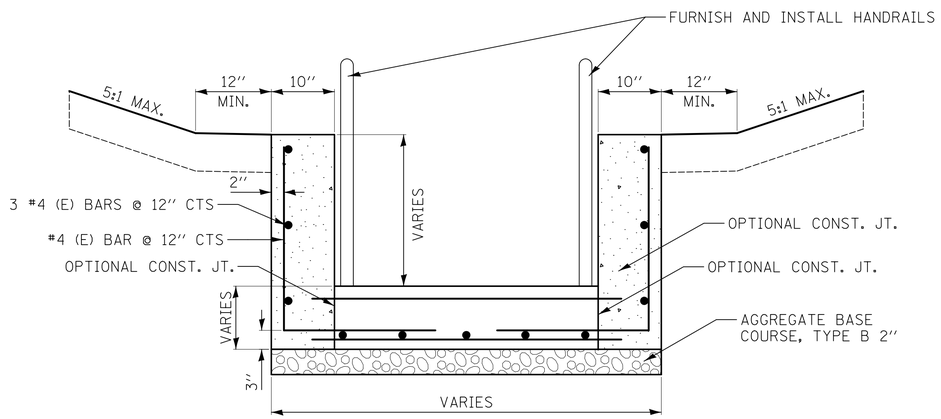


BASE ℄

TYPICAL CONNECTION DETAILS



STAIR DETAIL AT CONCRETE CURB (SPECIAL) LOCATIONS
TOP VIEW



SECTION B-B

PROFILE | SURVEYED | BY | DATE
PLOTTED
GRADES CHECKED
BM. NOTED
NOTE BOOK
NO. ____ STRUCTURE NO(S).&TANKS CHK'D

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DRAWN	TGB	REVISED	-
CHECKED	JRV	REVISED	-
DATE	09/06/2018	REVISED	-

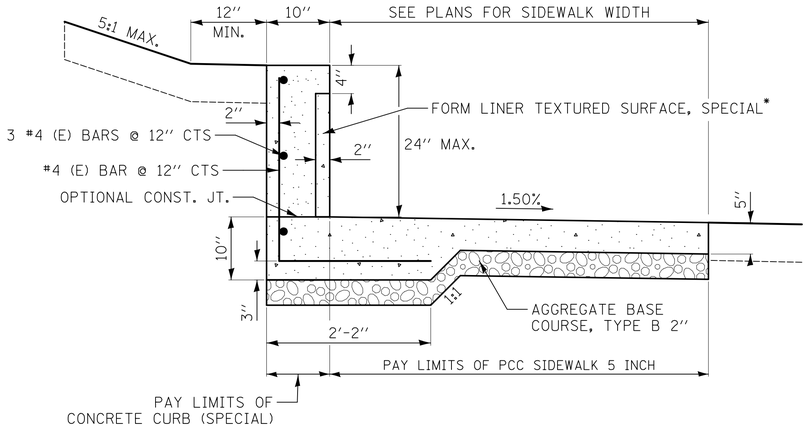
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NO SCALE

ROADWAY DETAILS

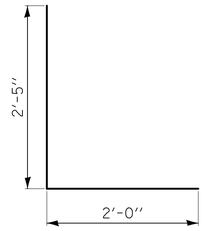
SHEET NO. 8 OF 17 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	11-00302-04-CH	DUPAGE	341	305
		CONTRACT NO. 61E06		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

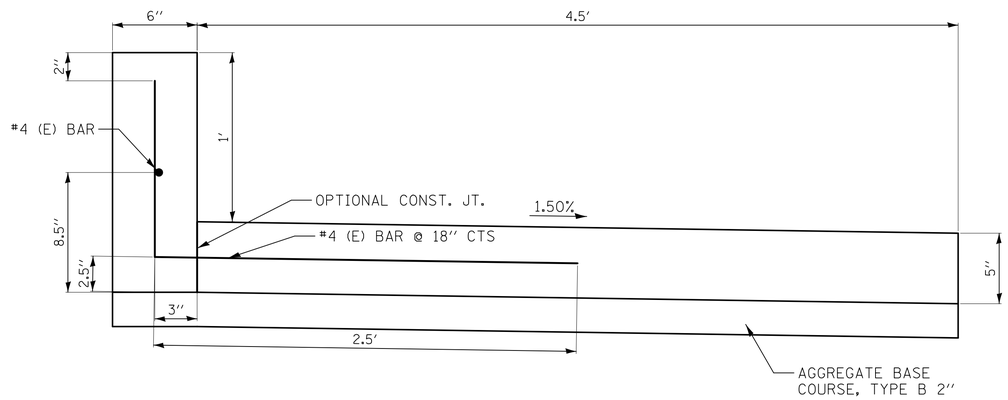


CONCRETE CURB (SPECIAL) DETAIL

* FORM LINER TEXTURED SURFACE, SPECIAL SHALL ONYLY BE APPLIED WHEN THE CURB HEIGHT IS 24'' OR AS DIRECTED BY THE ENGINEER.



BAR DIAGRAM



PORTLAND CEMENT CONCRETE SIDEWALK AND CURB WALL DETAIL

PLAN | BY | DATE
SURVEYED
PLOTTED
NOTE BOOK
NO.
ALIGNMENT CHECKED
RT. OF WAY CHECKED
ROAD TAG NAME

PROFILE | BY | DATE
SURVEYED
PLOTTED
NOTE BOOK
NO.
GRADES CHECKED
B.M. NOTED
STRUCTURE NOTATNS. CHKD

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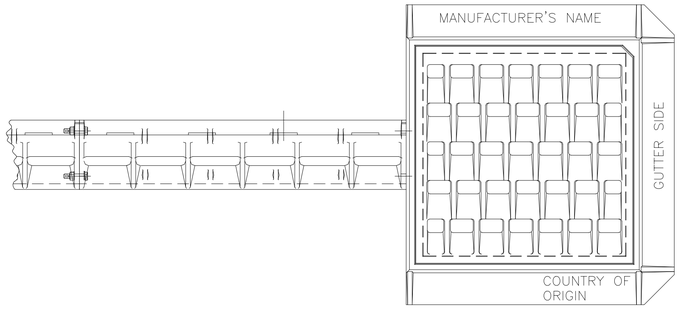
DRAWN - TGB	REVISED -	
CHECKED - JRV	REVISED -	
DATE - 09/06/2018	REVISED -	

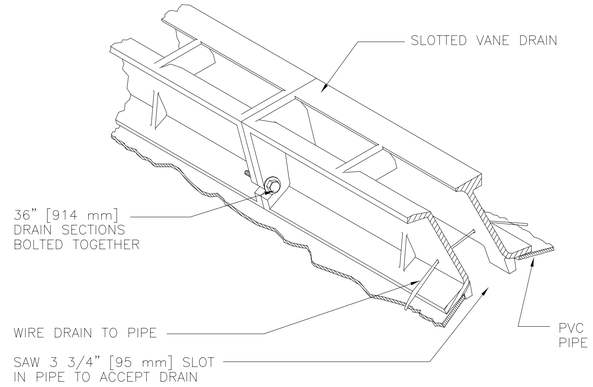
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

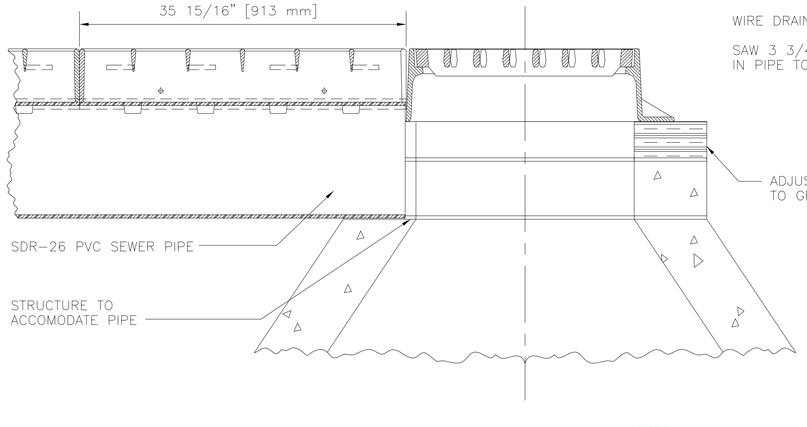
NO SCALE

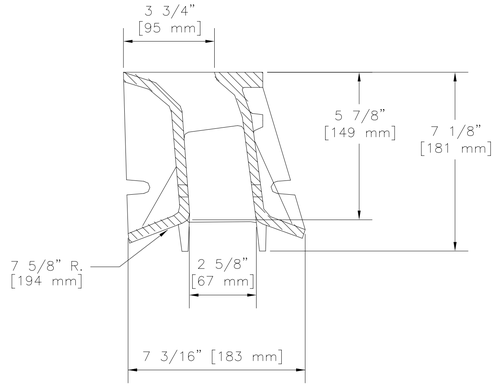
SHEET NO. 8 OF 17 SHEETS

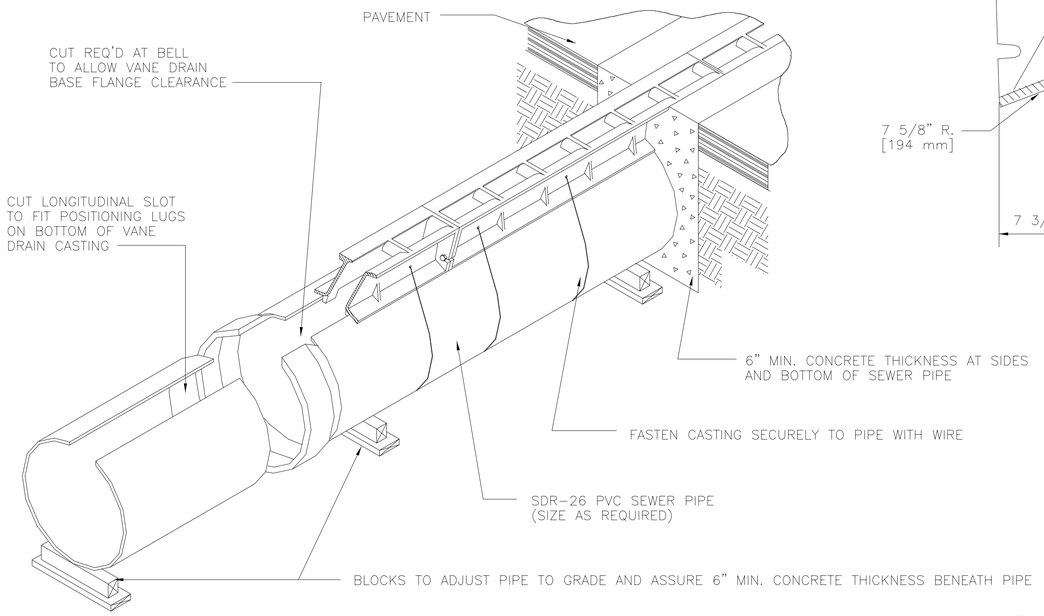
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	11-00302-04-CH	DUPAGE	341	306
		CONTRACT NO. 61E06		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		











SPECIFICATIONS

CAST GRAY IRON:
ASTM A48 (AASHTO M105 AND AASHTO M306)
CLASS 35B

EFFICIENCY

THE SLOTTED VANE DRAIN REMOVES SHEET FLOW AT A RATE OF 0.5 CFS PER LINEAL FOOT OF DRAIN FOR LONGITUDINAL SLOPES OF 0% TO 6%

USE

THE SLOTTED VANE DRAIN IS INSTALLED PERPENDICULAR TO THE FLOW EITHER AS A FREE STANDING UNIT OR IDEALLY EXTENDING FROM A GUTTER INLET FRAME AND GRATE INTO THE STREET. IT IS INTENDED TO MAXIMIZE FLOW CAPTURE AT SPECIFIC INLET LOCATIONS, THEREBY INCREASING EFFICIENCY OF INDIVIDUAL INLETS AND REDUCING THE NUMBER OF STRUCTURES REQUIRED DOWNSTREAM.

SLOTTED DRAIN DETAIL

PLAN
SURVEYED
DRAWN
ALIGNMENT CHECKED
RT. OF WAY CHECKED
NOTE BOOK
ROAD ENG. NAME
NO.
BY
DATE

PROFILE
SURVEYED
DRAWN
GRADES CHECKED
NOTE BOOK
B.M. NOTED
NO.
STRUCTURE NOTATIONS CHKD
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DATE

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CHECKED - JRV	REVISED -	
DATE - 09/06/2018	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY DETAILS

SHEET NO. 10 OF 17 SHEETS

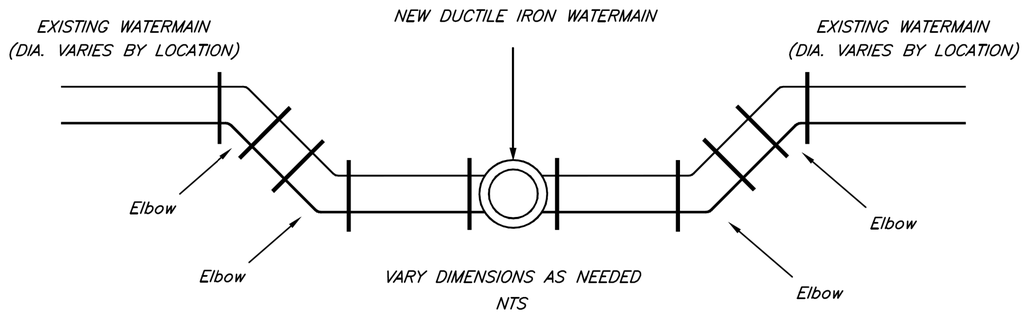
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	11-00302-04-CH	DUPAGE	341	307
		CONTRACT NO. 61E06		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

PLAN | SURVEYED | BY | DATE
PLOTTED
ALIGNMENT CHECKED
NOTE BOOK | RT. OF WAY CHECKED
NO. _____ | BKM NOTED
STRUCTURE NOTATNS CHK'D

PROFILE | SURVEYED | BY | DATE
PLOTTED
GRADES CHECKED
NOTE BOOK | B.M. NOTED
NO. _____ | STRUCTURE NOTATNS CHK'D

TYPICAL WATERMAIN CONNECTION
MAY BE USED FOR "T" OR "CROSS" SECTION

PROFILE VIEW



ALL FITTINGS TO HAVE MEGALUG GLANDS AND ALL BOLTS & NUTS TO BE STAINLESS STEEL 304 BOLTS & T-BOLTS NUTS 316 NUTS.

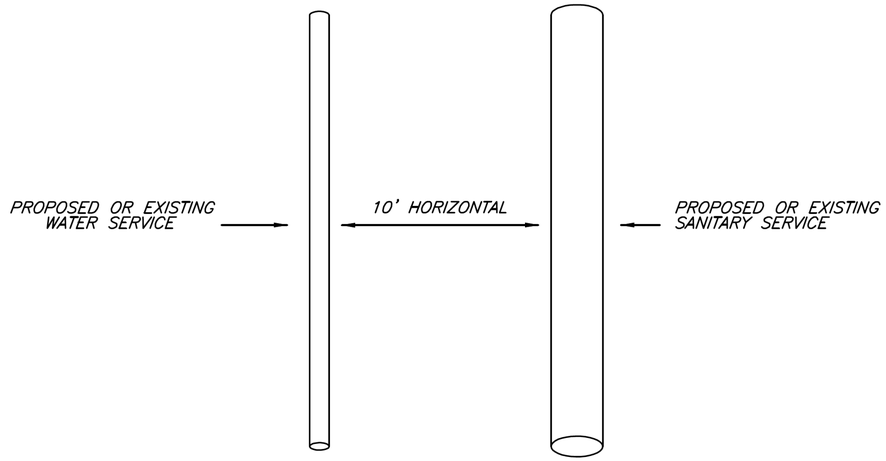
ALL BENDS AND ELBOWS ARE TO BE THRUST BLOCKED, PER VILLAGE STANDARD WTR-05.

ALL ELBOWS SHALL BE 45 DEGREE ANGLES.

N.T.S.	DATE	REVISIONS	DRAWN BY	APPVD BY	STANDARD DETAIL
Village of DOWNERS GROVE FOUNDED IN 1832	02/20/07		W.J.M.	M.D.M.	WATERMAIN CONNECTION
	03/25/11		S.A.V.	A.J.S.	
	03/01/15		A.J.S.	A.J.S.	
DRAWING NO. WTR-01					
I:\PW - ENG & TRANSPORTATION\DESIGN DETAILS-FEB 07\WATER\WTR-01					

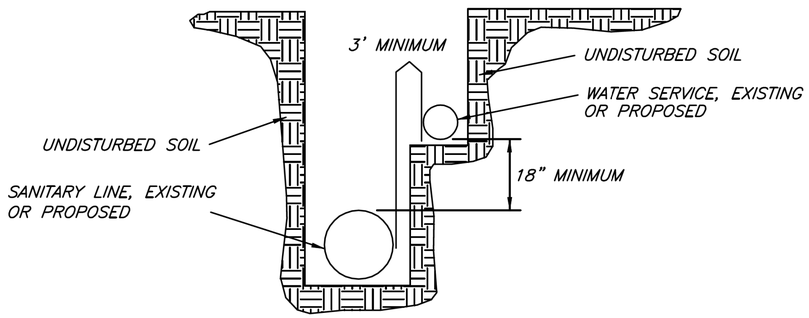
HORIZONTAL SEPARATION

PROPOSED SEWER (OR WATER) IS LOCATED 10 FEET OR MORE FROM EXISTING WATER (SEWER)



PLAN VIEW

PROPOSED SEWER (OR WATER) IS LOCATED LESS THAN 10 FEET FROM EXISTING WATER (OR SEWER)



N.T.S.	DATE	REVISIONS	DRAWN BY	APPVD BY	STANDARD DETAIL
Village of DOWNERS GROVE FOUNDED IN 1832	02/20/07		W.J.M.	M.D.M.	WATER AND SEWER SEPARATION REQUIREMENTS HORIZONTAL SEPARATION
	03/25/11		S.A.V.	A.J.S.	
	03/01/15		S.A.V.	A.J.S.	
DRAWING NO. WTR-02					
I:\LIBRARY\DETAILS\WATER\WTR-02					

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DRAWN - TGB	REVISED -	
CHECKED - JRV	REVISED -	
DATE - 09/06/2018	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NO SCALE

ROADWAY DETAILS

SHEET NO. 12 OF 17 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	11-00302-04-CH	DUPAGE	341	308
		CONTRACT NO. 61E06		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

PLAN
SURVEYED
DRAWN
ALIGNMENT CHECKED
GRADES CHECKED
R.O.W. CHECKED
B.M. NOTED
STRUCTURE NOTATIONS CHKD
NOTE BOOK
NO.
FIELD BOOK
NO.
PAGE
FIELD NAME
BY
DATE

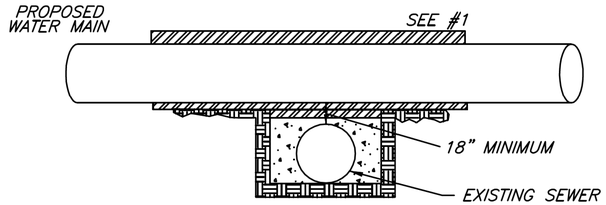
PROFILE
SURVEYED
DRAWN
GRADES CHECKED
NOTE BOOK
NO.
BY
DATE

VERTICAL SEPARATION

ABOVE

PROPOSED WATER MAIN ABOVE EXISTING SEWER LINE WITH 18" MINIMUM SEPARATION

NOTE: CLASS 5 MATERIAL SHALL BE COMPACTED TO 95% OF STANDARD PROCTOR MAXIMUM DENSITY



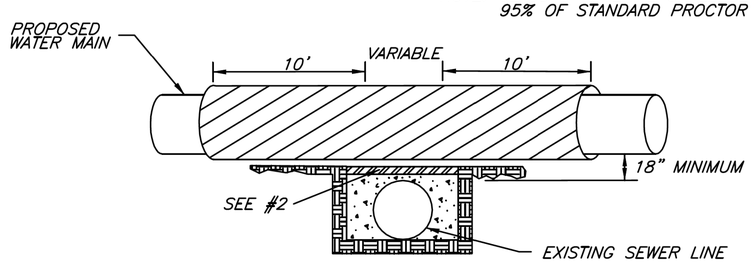
GUIDELINES

1. OMIT SELECT GRANULAR CRADLE AND GRANULAR BACKFILL TO ONE (1) FOOT OVER TOP OF PIPE AND USE SELECT EXCAVATED MATERIAL (CLASS 5) AND COMPACT FOR 10 FEET ON EITHER SIDE OF SEWER LINE
2. IF SELECT GRANULAR MATERIAL EXISTS, REMOVE WITHIN WIDTH OF EXISTING SEWER LINE TRENCH AND REPLACE WITH SELECT EXCAVATED MATERIAL (CLASS 5) AND COMPACT

PLAN VIEW

PROPOSED WATER MAIN ABOVE EXISTING SEWER LINE WITH LESS THAN 18" MINIMUM SEPARATION

NOTE: CLASS 5 MATERIAL SHALL BE COMPACTED TO 95% OF STANDARD PROCTOR MAXIMUM DENSITY



1. OMIT SELECT GRANULAR CRADLE AND GRANULAR BACKFILL TO ONE (1) FOOT OVER TOP OF PIPE AND USE SELECT EXCAVATED MATERIAL (CLASS 5) AND COMPACT FOR 10 FEET ON EITHER SIDE OF SEWER LINE
2. IF SELECT GRANULAR MATERIAL EXISTS, REMOVE WITHIN WIDTH OF EXISTING SEWER LINE TRENCH AND REPLACE WITH SELECT EXCAVATED MATERIAL (CLASS 5) AND COMPACT
3. USE A CASING FOR PROPOSED WATER MAIN AND SEAL BOTH ENDS OF CASING PIPE
4. POINT LOADS SHALL NOT BE ALLOWED BETWEEN WATER MAIN OR WATER MAIN CASING PIPE OR SEWER LINE

N.T.S.	DATE	REVISIONS	DRAWN BY	APPVD BY	STANDARD DETAIL
	02/20/07		W.J.M.	M.D.M.	WATER AND SEWER SEPARATION REQUIREMENTS VERTICAL SEPARATION ABOVE
	03/25/11		S.A.V.	A.J.S.	
	03/01/15		A.J.S.	A.J.S.	

DRAWING NO. WTR-03

I:\LIBRARY\DETAILS\WATER\WTR-03

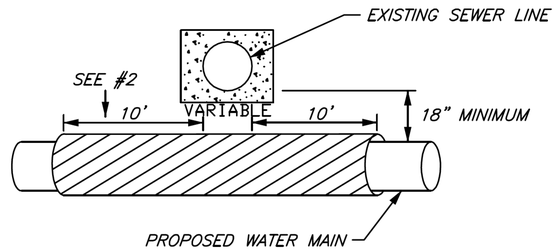
VERTICAL SEPARATION

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

NOTE: CLASS 5 MATERIAL SHALL BE COMPACTED TO 95% OF STSANDARD PROCTOR MAXIMUM DENSITY

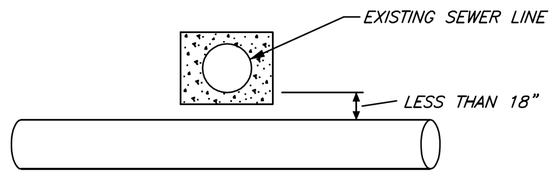
GUIDELINES

1. OMIT SELECT GRANULAR CRADLE AND GRANULAR BACKFILL TO ONE (1) FOOT OVER TOP OF PIPE AND USE SELECT EXCAVATED MATERIAL (CLASS 5) AND COMPACT FOR 10 FEET ON EITHER SIDE OF SEWER LINE
2. IF SELECT GRANULAR MATERIAL EXISTS, REMOVE WITHIN WIDTH OF EXISTING SEWER LINE TRENCH AND REPLACE WITH SELECT EXCAVATED MATERIAL (CLESS 5) AND COMPACT
3. PROVIDE ADEQUATE SUPPORT FOR EXISTING SEWER LINE TO PREVENT DAMAGE DUE TO SETTLEMENT



PLAN VIEW

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



PROPOSED WATER MAIN

* NOT ALLOWED *
MUST MAINTAIN 18" VERTICAL SEPARATION

N.T.S.	DATE	REVISIONS	DRAWN BY	APPVD BY	STANDARD DETAIL
	02/20/07		W.J.M.	M.D.M.	WATER AND SEWER SEPARATION REQUIREMENTS VERTICAL SEPARATION BELOW
	03/25/11		S.A.V.	A.J.S.	
	03/01/15		S.A.V.	A.J.S.	

DRAWING NO. WTR-04

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DRAWN - TGB	REVISED -
CHECKED - JRV	REVISED -
DATE - 09/06/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

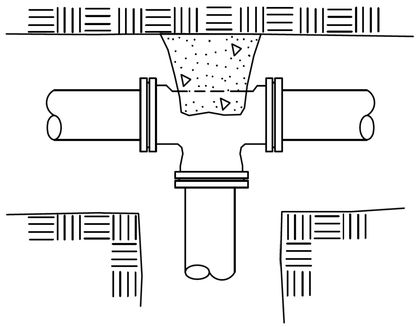
ROADWAY DETAILS

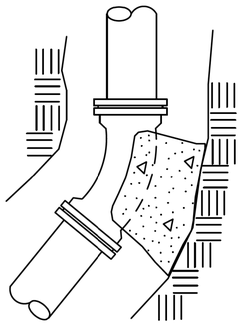
SHEET NO. 12 OF 17 SHEETS

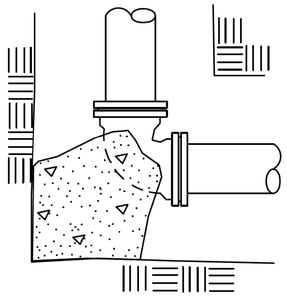
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	11-00302-04-CH	DUPAGE	341	309
		CONTRACT NO. 61E06		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

PLAIN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
ROAD ITEM NAME
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
B.M. NOTED
STRUCTURE NOTATNS. CHKD.
NOTE BOOK
NO.
BY
DATE







NOTES:

1. ALL BLOCKING SHALL BE WITH POURED CLASS X CONCRETE AGAINST UNDISTURBED VERTICAL FACE EARTH
2. THRUST BLOCKS TO BE USED AT ALL BENDS 22-1/2 DEGREES OR GREATER
3. THE COST OF INSTALLING THE THRUST BLOCK SHALL BE ~~INCIDENTAL TO THE~~ included in the cost of CONSTRUCTION OF THE WATER MAIN
4. CONCRETE SHALL BE POURED SUCH THAT ALL FITTINGS REMAIN EXPOSED.

N.T.S.	DATE	REVISIONS	DRAWN BY	APPVD BY	STANDARD DETAIL
	02/20/07		W.J.M.	M.D.M.	TYPICAL THRUST BLOCK INSTALLATION
	03/25/11		S.A.V.	A.J.S.	
	03/01/15		A.J.S.	A.J.S.	

DRAWING NO. WTR-05

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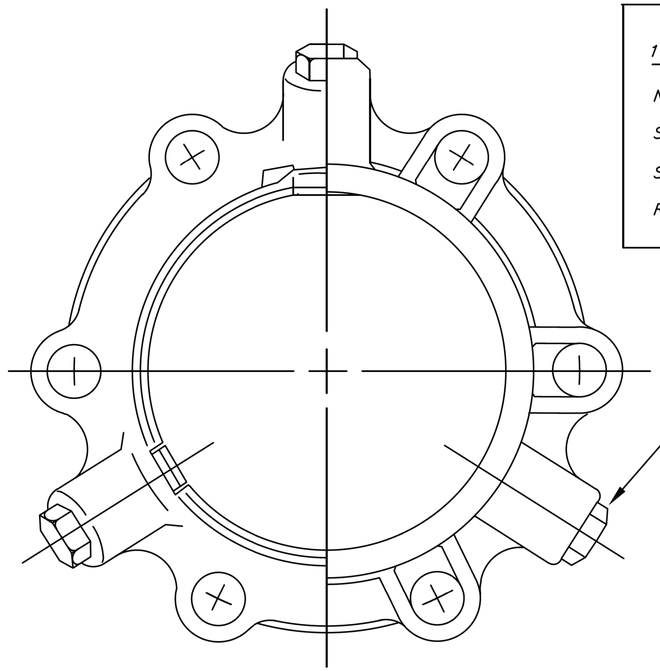
MEGALUG MECHANICAL JOINT RESTRAINT DETAIL

N.T.S.



1100 SERIES SPECIFICATIONS:

NOMINAL PIPE SIZE=6"

SERIES NUMBER=1106

SHIPPING WT.=12.00 LBS.

RATED PRESSURE=250 @ 2:1

TWIST OFF NUTS SHALL BE USED TO INSURE PROPER ACTUATING OF THE RESTRAINING DEVICES.

REAR VIEW

FRONT VIEW

NOTES:

RESTRAINING DEVICES SHALL BE OF DUCTILE IRON HEAT TREATED TO A MINIMUM HARDNESS OF 370 BHN AND SHALL HAVE A WORKING PRESSURE OF AT LEAST 250 PSI WITH A MINIMUM SAFETY FACTOR OF 2:1 AND SHALL BE EBAA IRON, INC. MEGALUG ~~OR EQUAL.~~

ALL BOLTS & NUTS SHALL BE STAINLESS STEEL 304 T-BOLTS & 316 NUTS.

N.T.S.	DATE	REVISIONS	DRAWN BY	APPVD BY	STANDARD DETAIL
	02/20/07		W.J.M.	M.D.M.	MEGALUG MECHANICAL JOINT RESTRAINT
	03/25/11		S.A.V.	A.J.S.	
	03/01/15		S.A.V.	A.J.S.	

DRAWING NO. WTR-06

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DRAWN	- TGB	REVISED	-
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DATE	- 09/06/2018	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY DETAILS

SHEET NO. 13 OF 17 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	11-00302-04-CH	DUPAGE	341	310
		CONTRACT NO. 61E06		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

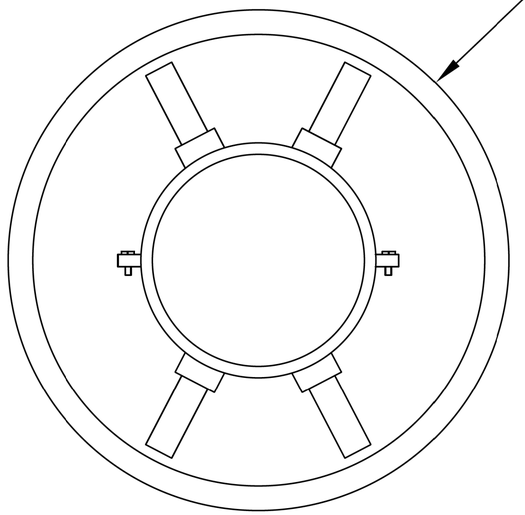
PLAIN / PROFILE

BY	DATE
SURVEYED	
DRAWN	
ALIGNMENT CHECKED	
RT. OF WAY CHECKED	
NOTE BOOK	
NO.	
ROAD TEST NAME	
GRADES CHECKED	
B.M. NOTED	
STRUCTURE NOTATIONS CHKD	

ALL STAINLESS STEEL CASING SPACER
N.T.S.

NOTE:

ONE SPACER SHALL BE PLACED NOT MORE THAN TWO FEET FROM EACH END OF CASING. SUBSEQUENT SPACERS SHALL BE PLACED AT 10' INTERVALS WITHIN THE CASING.



CENTERED: POSITIONS CARRIER IN CENTER OF CASING. PROVIDES RESTRAINT AGAINST MOVEMENT. BEST MECHANICALLY RESTRAINED PIPE JOINTS.

MATERIAL SPECIFICATIONS:

1. SHELL & RISER TO BE A MIN. 14 GAUGE T 304 STAINLESS STEEL
2. FASTENERS TO BE 5/16" T 304 STAINLESS STEEL
3. LINER TO BE PVC 090 THICK 85–90 DUROMETER
4. RUNNERS TO BE ULTRA HIGH MOLECULAR WEIGHT POLYMER

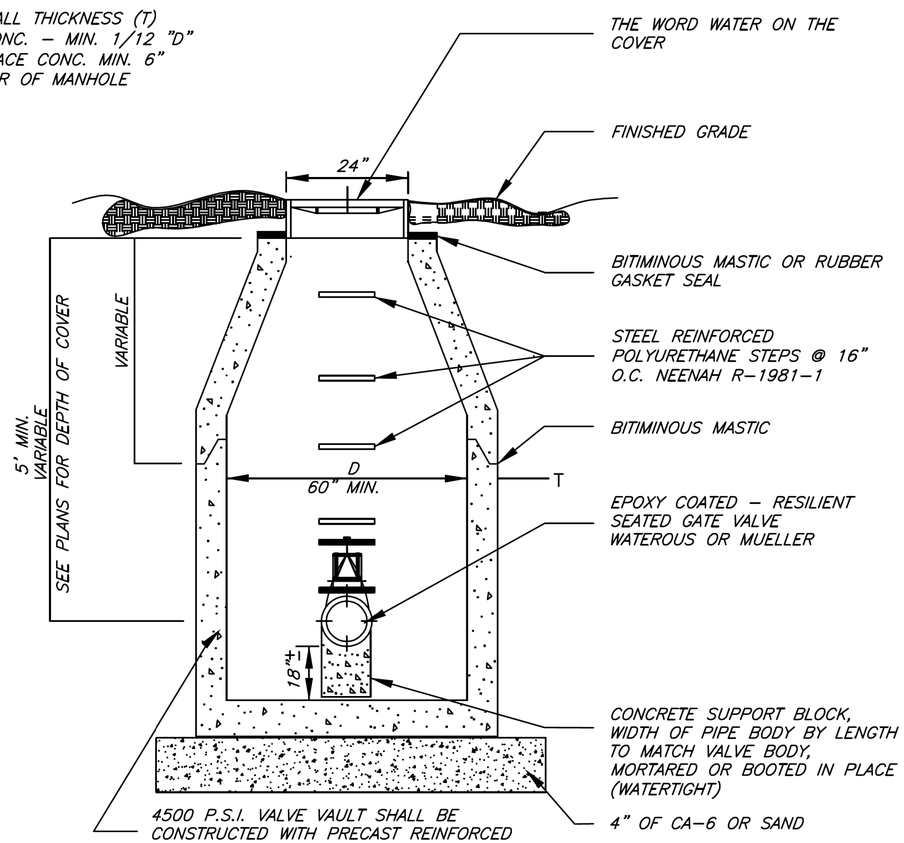
N.T.S.	DATE	REVISIONS	DRAWN BY	APPVD BY	STANDARD DETAIL
Village of DOWNERS GROVE FOUNDED IN 1832	02/20/07		W.J.M.	M.D.M.	ALL STAINLESS STEEL CASING SPACER
	03/25/11		S.A.V.	A.J.S.	
	03/01/15		S.A.V.	A.J.S.	

DRAWING NO. WTR–07

I:\LIBRARY\DETAILS\WATER\WTR–07

TYPICAL WATER VALVE VAULT
N.T.S.

MATERIAL WALL THICKNESS (T)
PRECAST CONC. – MIN. 1/12 "D"
CAST–IN PLACE CONC. MIN. 6"
D= DIAMETER OF MANHOLE



NOTES:
D = DIAMETER OF MANHOLE
VALVE VAULT DIAMETER SHALL BE 60" FOR VALVES 6" – 8"
VALVE VAULT DIAMETER SHALL BE 72" FOR VALVES 10" AND LARGER

ALL FITTINGS SHALL BE MEGALUG AND ALL BOLTS & NUTS SHALL BE STAINLESS STEEL 304 T–BOLTS & 316 NUTS.

ALL OPENINGS ON PRECAST VALVE VAULT SHALL BE BLOCKED AND MORTARED

N.T.S.	DATE	REVISIONS	DRAWN BY	APPVD BY	STANDARD DETAIL
Village of DOWNERS GROVE FOUNDED IN 1832	02/20/07		W.J.M.	M.D.M.	WATER VALVE VAULT
	03/25/11		S.A.V.	A.J.S.	
	03/01/15		S.A.V.	A.J.S.	

DRAWING NO. WTR–08

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CHECKED - JRV	REVISED -
DATE - 09/06/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

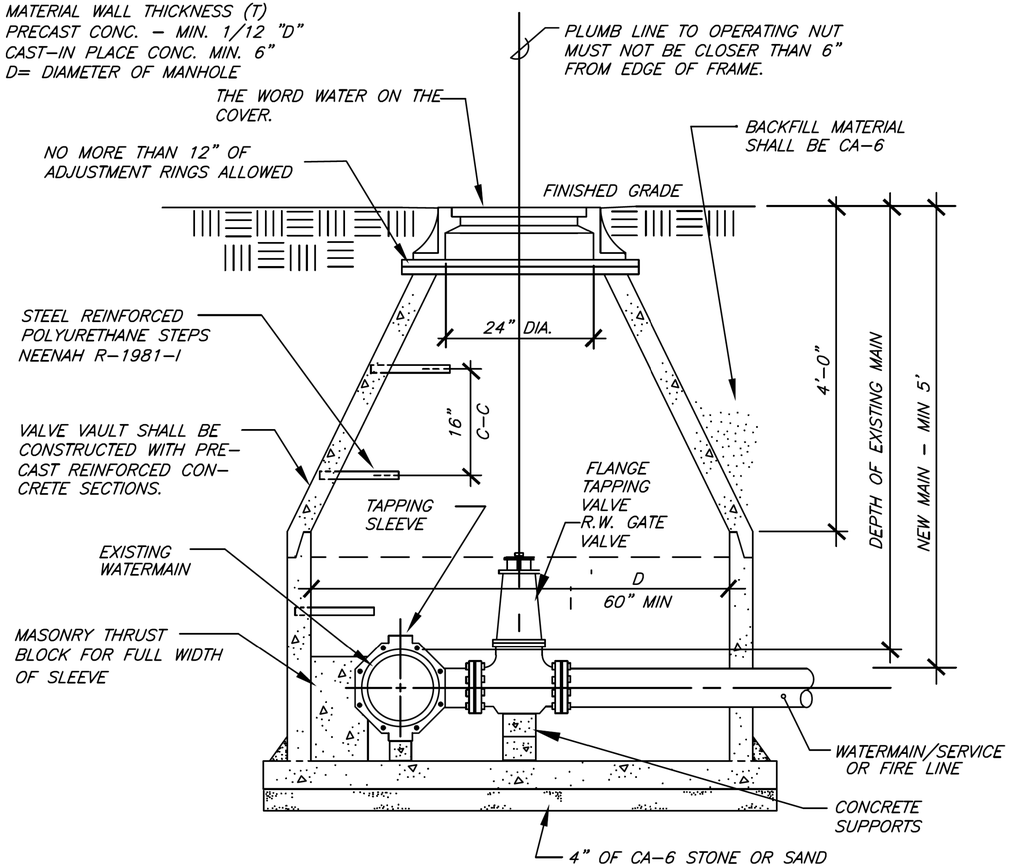
ROADWAY DETAILS

SHEET NO. 14 OF 17 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	11-00302-04-CH	DUPAGE	341	311
		CONTRACT NO. 61E06		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

TYPICAL WATERMAIN PRESSURE CONNECTION

N.T.S.



NOTES:
D = DIAMETER OF MANHOLE
VALVE VAULT DIAMETER SHALL BE 60" FOR VALVES 6" – 8"
VALVE VAULT DIAMETER SHALL BE 72" FOR VALVES 10" AND LARGER

ALL FITTINGS SHALL BE MEGALUG AND ALL BOLTS & NUTS SHALL BE STAINLESS STEEL 304 T–BOLTS & 316 NUTS.

ALL OPENINGS ON PRECAST VALVE VAULT SHALL BE BLOCKED AND MORTARED

N.T.S.	DATE	REVISIONS	DRAWN BY	APPVD BY	STANDARD DETAIL
Village of DOWNERS GROVE FOUNDED IN 1832	02/20/07		W.J.M.	M.D.M.	WATERMAIN PRESSURE CONNECTION
	03/25/11		S.A.V.	A.J.S.	
	03/01/15		S.A.V.	A.J.S.	

DRAWING NO. WTR–09

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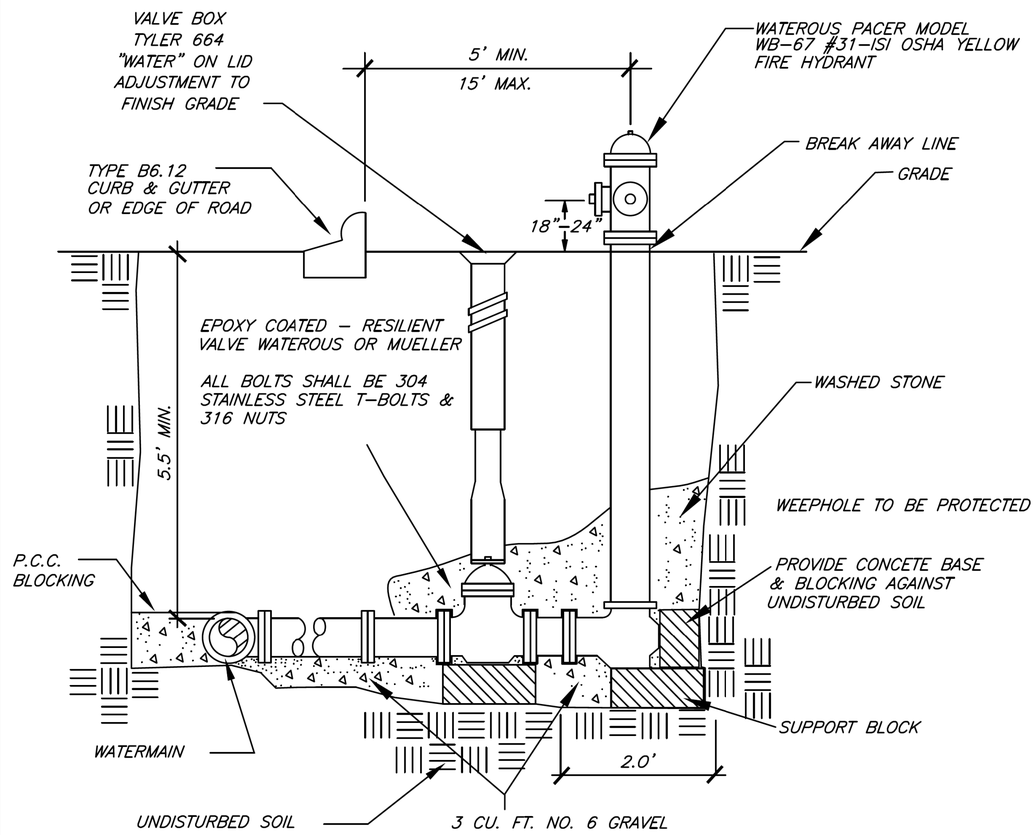
FIRE HYDRANT

N.T.S.



GUIDELINES

HYDRANTS SHALL BE LOCATED NOT LESS THAN FIVE FEET (5) NOR MORE THAN TEN FEET (10) BEHIND THE CURB ON IMPROVED STREETS

HYDRANTS SHALL BE LOCATED NOT LESS THAN SIX FEET (6) NOR MORE THAN FIFTEEN FEET (15) BEHIND PAVEMENT ON UNIMPROVED STREETS

N.T.S.	DATE	REVISIONS	DRAWN BY	APPVD BY	STANDARD DETAIL
Village of DOWNERS GROVE FOUNDED IN 1832	02/20/07		W.J.M.	M.D.M.	TYPICAL HYDRANT INSTALLATION
	03/25/11		S.A.V.	A.J.S.	
	03/01/15		S.A.V.	A.J.S.	

DRAWING NO. WTR–10

I:\LIBRARY\DETAILS\WATER\WTR–10

PLAN: SURVEYED, DRAWN, ALIGNMENT CHECKED, RT. OF WAY CHECKED, ROAD ENG. NAME, NOTE BOOK, NO.
PROFILE: SURVEYED, DRAWN, GRADES CHECKED, B.M. NOTED, STRUCTURE NO.(S) ENG. CHKD
BY, DATE

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DRAWN	TGB	REVISED	-
CHECKED	JRV	REVISED	-
DATE	09/06/2018	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY DETAILS

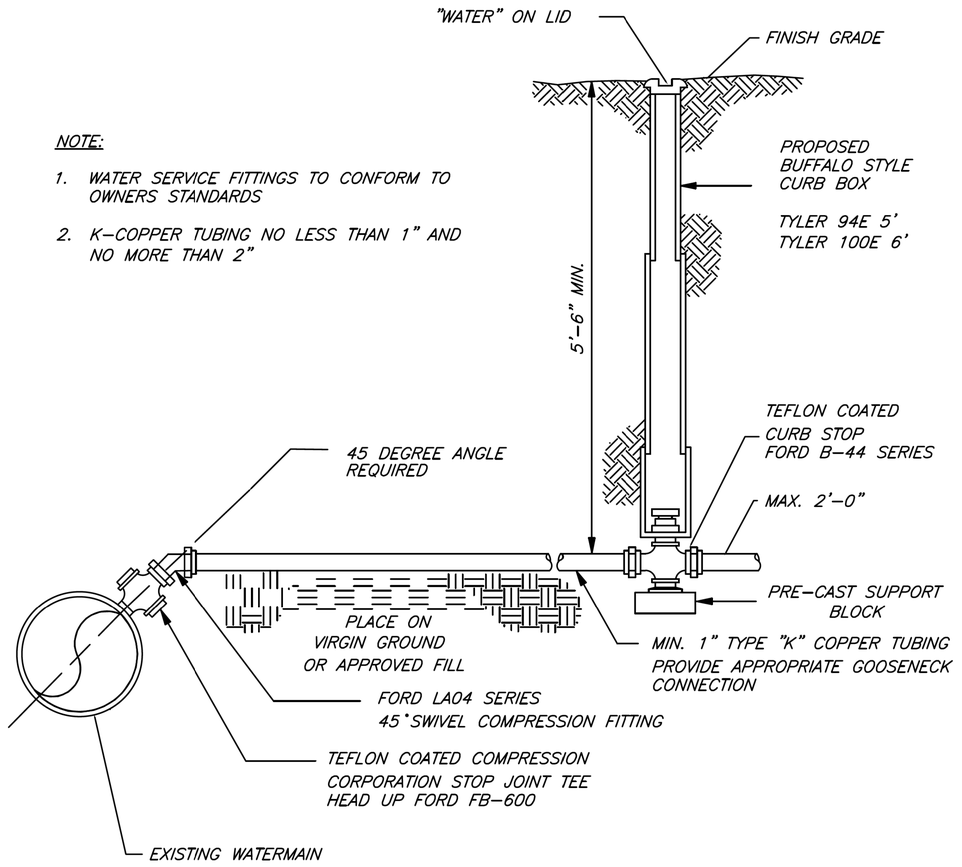
SHEET NO. 15 OF 17 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	11-00302-04-CH	DUPAGE	341	312
		CONTRACT NO. 61E06		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

PLAN | SURVEYED | DRAWN | ALIGNMENT CHECKED | RT. OF WAY CHECKED | NOTE BOOK | NO. | ROAD USE NAME | BY | DATE

PROFILE | SURVEYED | DRAWN | GRADES CHECKED | B.M. NOTED | NOTE BOOK | NO. | STRUCTURE NOTATIONS CHK'D | BY | DATE

TAP SERVICE CONNECTION
N.T.S.



NOTE:

1. WATER SERVICE FITTINGS TO CONFORM TO OWNERS STANDARDS
2. K-COPPER TUBING NO LESS THAN 1" AND NO MORE THAN 2"

N.T.S.	DATE	REVISIONS	DRAWN BY	APPVD BY	STANDARD DETAIL
Village of DOWNERS GROVE FOUNDED IN 1832	02/20/07		W.J.M.	M.D.M.	TYPICAL TAP SERVICE CONNECTION
	03/25/11		S.A.V.	A.J.S.	
	03/01/15		S.A.V.	A.J.S.	

DRAWING NO. WTR-11

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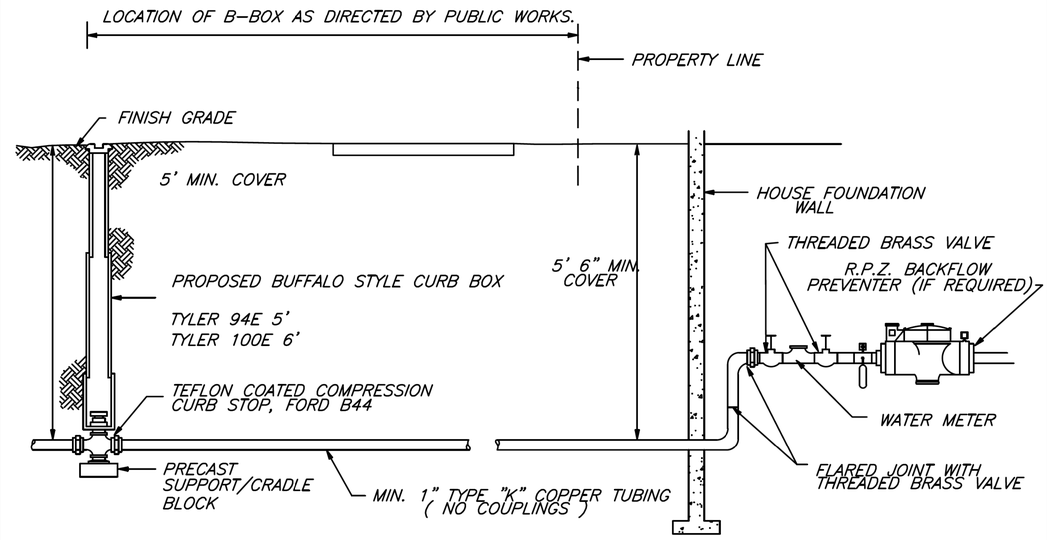
2" MAX. STANDARD WATER SERVICE CONNECTION BUFFALO BOX TO HOUSE
N.T.S.



NOTE:

TEN FOOT MINIMUM HORIZONTAL SEPERATION BETWEEN WATER SERVICE AND SEWER MUST BE MAINTAINED UP TO AND THROUGH HOUSE FOUNDATION OR AS DIRECTED BY PUBLIC WORKS DIRECTOR

ACTUAL WATER SERVICE SIZE MAY VARY IN ACCORDANCE WITH THE ILLINOIS STATE PLUMBING CODE

N.T.S.	DATE	REVISIONS	DRAWN BY	APPVD BY	STANDARD DETAIL
Village of DOWNERS GROVE FOUNDED IN 1832	02/20/07		W.J.M.	M.D.M.	TYPICAL WATER SERVICE CONNECTION FROM B-BOX TO HOUSE
	03/25/11		S.A.V.	A.J.S.	
	03/01/15		S.A.V.	A.J.S.	

DRAWING NO. WTR-12

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DRAWN	TGB	REVISED	-
CHECKED	JRV	REVISED	-
DATE	09/06/2018	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY DETAILS

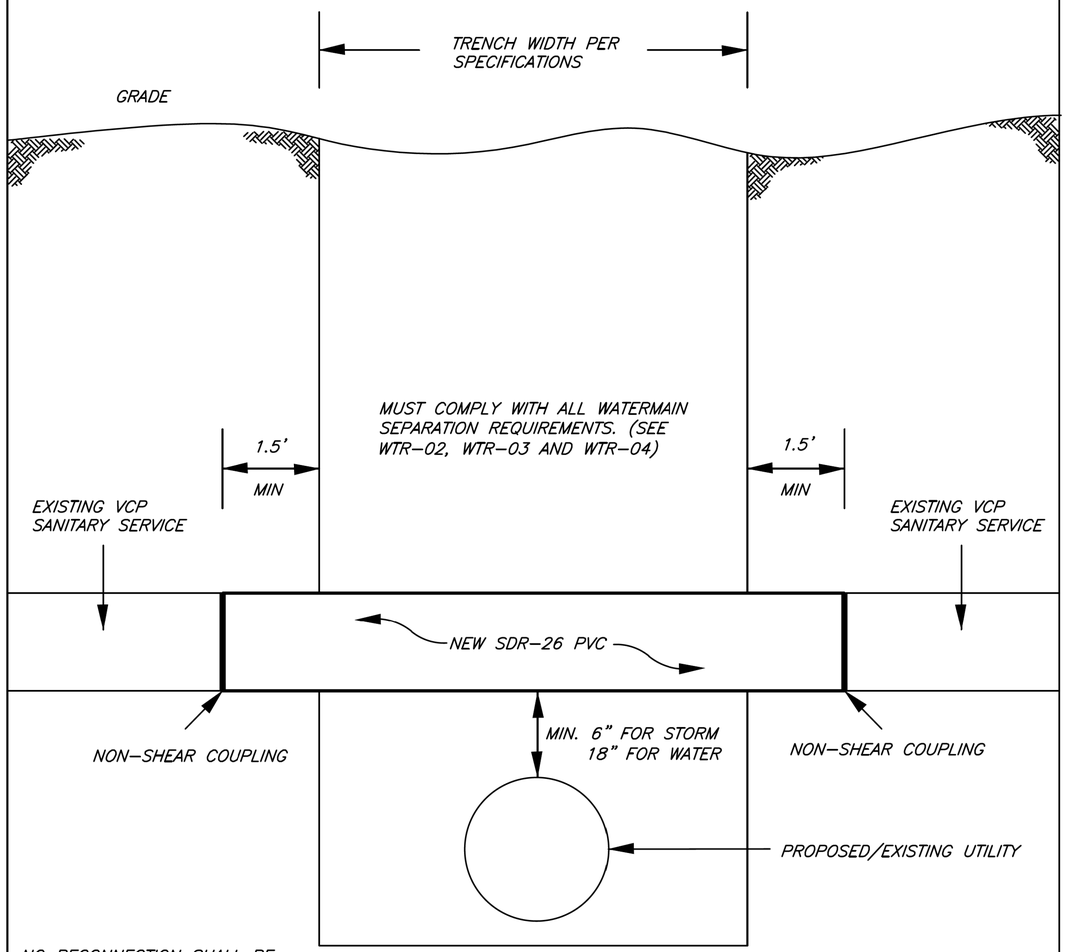
SHEET NO. 16 OF 17 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	11-00302-04-CH	DUPAGE	341	313
		CONTRACT NO. 61E06		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

PLAN / PROFILE

	BY	DATE
SURVEYED		
DRAWN		
ALIGNMENT CHECKED		
GRADES CHECKED		
R/W NOTED		
STRUCTURE NOTATNS CHKD		
NOTE BOOK		
NO.		

RECONNECTION OF SANITARY SERVICE WITH EXISTING OR PROPOSED UTILITY
N.T.S.



NO RECONNECTION SHALL BE BACKFILLED UNTIL INSPECTED AND APPROVED BY THE DOWNERS GROVE SANITARY DISTRICT. (630–969–0664)

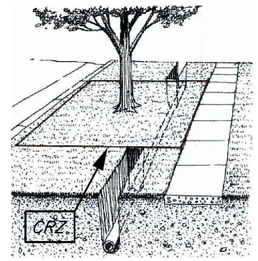
N.T.S.	DATE	REVISIONS	DRAWN BY	APPVD BY	STANDARD DETAIL
Village of DOWNERS GROVE FOUNDED IN 1832	02/20/07		W.J.M.	M.D.M.	TYPICAL SANITARY REPLACEMENT WITH NEW UTILITY
	03/25/11		S.A.V.	A.J.S.	
	03/01/15		A.J.S.	A.J.S.	

DRAWING NO. GEN–04

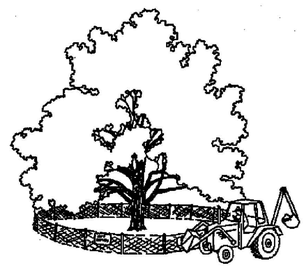
I:\LIBRARY\DETAILS\GENERAL\GEN–04

Municipal Codes regarding trees, including tree protection requirements for public parkway trees, are located in Chapter 24 of the Downers Grove Municipal Code http://www.downers.us/public/docs/code/Chapter24.pdf. *Parkway tree protection shall involve avoiding damage to both the above ground tree trunk, including the branches, and the below ground root system. Roots are the most vital part of a tree with the majority of nutrient and water absorbing roots in the upper 18 to 24 inches of soil. Tree roots must be protected from severing or changes in their soil environment (such as compaction or grade changes) to prevent irreversible tree decline or death in the coming years.*

The Critical Root Zone, or CRZ, is the area immediately surrounding a tree that needs to be protected from damage. The size of this area, measured from the center of the tree, is ideally a circle with a radius of one foot for each inch of trunk diameter. The depth of the CRZ extends to 4 feet below the natural ground surface level. In a municipal parkway setting with utilities and paved or concrete surfaces, the CRZ cannot always be the ideal size. Instead, the CRZ has been adjusted to form a rectangle around the parkway tree trunk with the minimum dimensions listed in the following table. At a minimum, the listed CRZ shall be fenced with a 6 foot high temporary chain link construction fence secured to metal posts spaced no further than 10 feet apart. Whenever possible, the entire parkway shall be fenced in except where access has been permitted. Any exceptions shall be noted on the drawings submitted for a given permit.



PARKWAY TREE DIAMETER AT 4.5'	WIDTH FROM STREET TO PROPERTY (MINIMUM CURB TO SIDEWALK)	LENGTH ALONG STREET (MINIMUM)	DEPTH
0–12.0 INCHES	10.0 FEET	10 FEET	4 FEET
12.1–24.0 INCHES	10.0 FEET	20 FEET	4 FEET
24.1 OR MORE INCHES	10.0 FEET	30 FEET	4 FEET



For public parkway trees, roots located within the determined CRZ shall be protected from compaction, severing, and the storage of materials or equipment. Utilities must be augered underneath the tree as shown above. In cases when severing of roots within a portion of the CRZ may be unavoidable (ex. sidewalk installation, curb replacement, water main or sanitary main disconnects in the parkway), subject to the approval of the Village Forester, the smallest possible area shall be disturbed and sharp clean cuts shall be made on root ends to promote wound closure and root regeneration. All CRZ fencing shall be a 6 foot high temporary chain link construction fence secured to metal posts spaced no further than 10 feet apart, and shall be maintained daily in good condition. Any exceptions to the fence dimensions or parkway position shall be noted on the permit.

In addition to fines and citations that may be assessed for violations of any Chapter 24 municipal code (such as not maintaining fencing around the CRZ or unauthorized removal of parkway trees), violators may be subject to the following provisions:

- *issuance of an invoice for the monetary loss in tree value or partial value due to damage to either the above ground or below ground portions of the parkway tree, or unauthorized tree removal.*
- *forfeiture of bonds issued for the work should funds be sufficient to cover tree values and fines.*
- *costs of repairs, such as pruning or cabling, or costs for removal of the damaged parkway tree along with the stump if the tree cannot remain in the right–of–way.*
- *fines of $500 for the 1st offense; $1,000 for the 2nd offense; $2,500 for 3rd and subsequent offenses.*
- *each day during which a violation continues shall be construed as a separate and distinct offense.*

For more information, contact the Forestry Division at 434–5475 or 434–5476.

TREE CITY USA

N.T.S.	DATE	REVISIONS	DRAWN BY	APPVD BY	STANDARD DETAIL
Village of DOWNERS GROVE FOUNDED IN 1832	02/20/07		J.M.L.	M.D.M.	PARKWAY TREE PROTECTION REQUIREMENTS
	03/25/11		S.A.V.	A.J.S.	
	03/01/15		S.A.V.	A.J.S.	

DRAWING NO. TRE–01

I:\LIBRARY\DETAILS\TREES\TRE–01

CIVILTECH
Two Pierce Place, Suite 1400
Itasca, Illinois 60143
Tel: 630.773.3900 Fax: 630.773.3975
www.civiltechinc.com

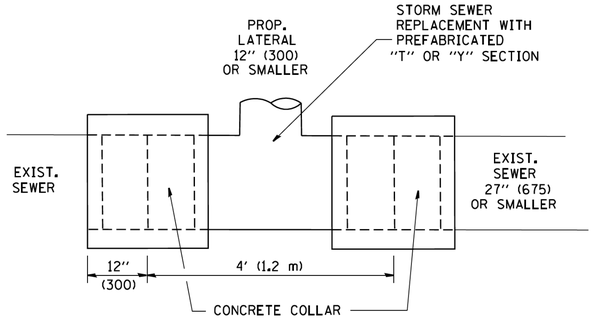
DESIGNED	JRR	REVISED -
DRAWN	TGB	REVISED -
CHECKED	JRV	REVISED -
DATE	09/06/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY DETAILS

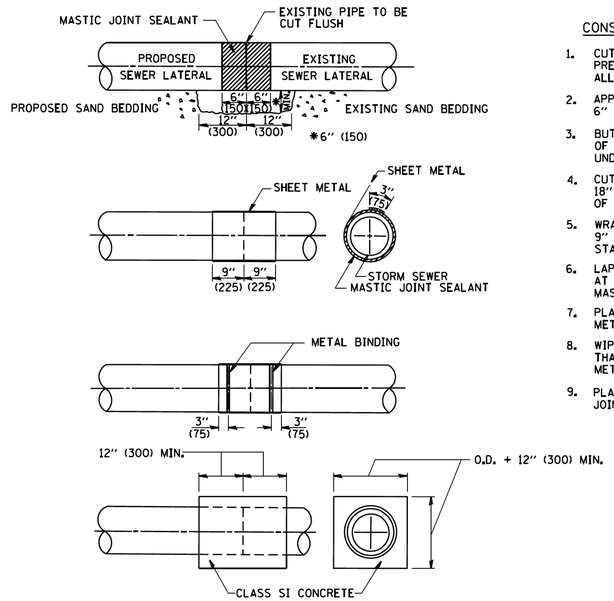
SHEET NO. 17 OF 17 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	11-00302-04-CH	DUPAGE	341	314
		CONTRACT NO. 61E06		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



DETAIL "A"

LATERAL CONNECTION TO EXISTING SEWER
OF 27" (675) OR SMALLER

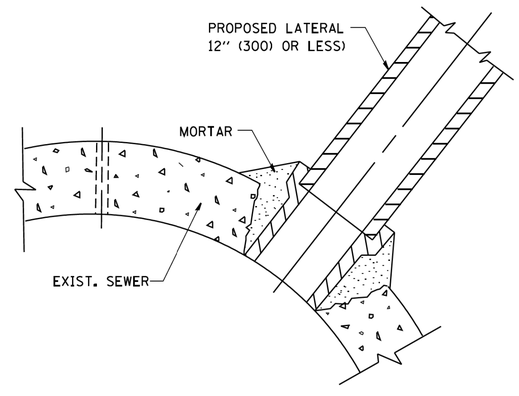


DETAIL "B"

CLASS SI CONCRETE COLLAR

CONSTRUCTION SEQUENCE

1. CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT. BRUSH AND CLEAN ALL PIPES.
2. APPLY THE MASTIC JOINT SEALANT TO THE FIRST 6" (150) OF EACH PIPE.
3. BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 12' x 6' (300 x 150) DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
4. CUT A PIECE OF SHEET METAL GAGE NO. 19 1.1 (0.0418) 18" (450) WIDE BY THE OUTSIDE CIRCUMFERANCE OF THE PIPE PLUS 3" (75) LONG.
5. WRAP THE SHEET METAL AROUND THE PIPES, 9" (225) ON EACH SIDE OF THE JOINT, STARTING AT THE TOP OF THE PIPE.
6. LAP THE SHEET METAL AT LEAST 3" (75) AT THE TOP OF THE PIPE AND PLACE THE MASTIC JOINT SEALANT BETWEEN THE LAP.
7. PLACE TWO METAL BANDS AROUND THE SHEET METAL AND TIGHTEN.
8. WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT OOZES OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.
9. PLACE CLASS SI CONCRETE AROUND THE JOINT.



DETAIL "C"

PROPOSED LATERAL
CONNECTION TO EXISTING SEWER
OF 30" (750) OR LARGER

NOTES

MATERIAL

MATERIAL USED FOR THE TEE OR WYE SECTION SHALL BE COMPATIBLE WITH THE EXISTING STORM SEWER OR THE PROPOSED STORM SEWER.

CONSTRUCTION METHODS

I. THIS WORK SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE APPLICABLE PORTIONS OF SECTION 550 OF THE STANDARD SPECIFICATIONS.

II. CONNECTION TO AN EXISTING STORM SEWER SHALL BE BY EITHER OF THE FOLLOWING METHODS:

A) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER SEE DETAIL "A" AND "B".

B) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER SEE DETAIL "C".

IF THE EXISTING SEWER PIPE IS CRACKED, BROKEN OR OTHERWISE DAMAGED BY THE CONTRACTOR IN MAKING THE CIRCULAR OPENING, THE CONTRACTOR SHALL REPLACE THAT SECTION OF PIPE WITH PIPE EQUAL AND SIMILAR IN ALL RESPECTS TO THE PIPE IN THE EXISTING SEWER, IN A CAREFUL WORKMANLIKE MANNER, WITHOUT EXTRA COMPENSATION.

GENERAL

CARE MUST BE TAKEN TO PREVENT DEBRIS FROM ENTERING THE SEWER. ALL DEBRIS WHICH ENTERS THE SEWER MUST BE REMOVED. THE SEWER MUST BE LEFT CLEAN AND UNOBSTRUCTED UPON COMPLETION OF THE CONTRACT.

CARE MUST BE TAKEN TO PREVENT ANY PART OF THE NEW PIPE CONNECTION FROM PROJECTING INTO THE EXISTING SEWER.

BASIS OF PAYMENT

TEE OR WYE CONNECTIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR STORM SEWER TEE OR WYE OF THE TYPE AND SIZE SPECIFIED IN THE PLANS. THIS PRICE SHALL INCLUDE ALL EXCAVATION OF THE TRENCH, REMOVAL OF THE EXISTING STORM SEWER, FURNISHING AND INSTALLING THE SPECIFIED TEE OR WYE SECTION, FURNISHING AND INSTALLING THE REQUIRED CONCRETE COLLAR, AND ALL OTHER MATERIAL NECESSARY TO COMPLETE THIS WORK AS SHOWN AND SPECIFIED.

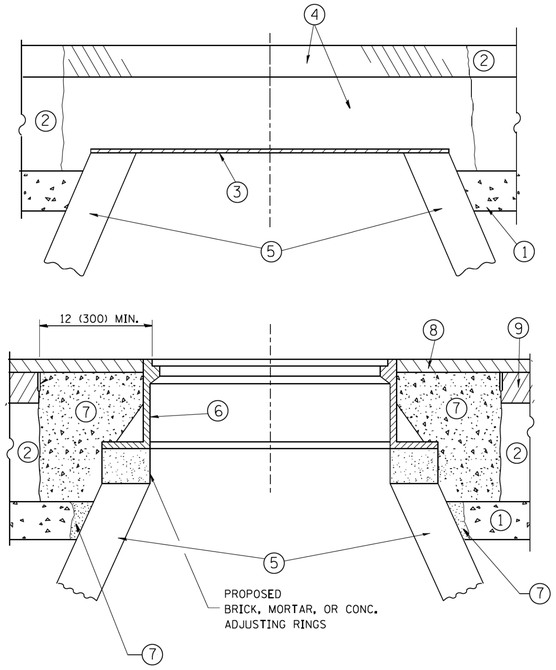
REMOVAL AND REINSTALLATION OF EXISTING STORM SEWER ADJACENT TO THE PROPOSED TEE OR WYE SECTION, FOR THE PURPOSE OF FACILITATING THE INSTALLATION OF THE TEE OR WYE SECTION, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE WORK.

TRENCH BACKFILL, EXCAVATION IN ROCK AND REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL BELOW PLAN BEDDING GRADE WILL BE PAID FOR SEPARATELY.

CONCRETE COLLAR FOR CONNECTING A PROPOSED STORM SEWER TO AN EXISTING STORM SEWER WILL NOT BE PAID PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.

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

FILE NAME = W:\diststd\22x34\bd07.dgn	USER NAME = gaglianobt	DESIGNED - M. DE YONG	REVISED - M. DE YONG 05-08-92	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED - R. SHAH 09-09-94						1504	11-00302-04-CH	DUPAGE	341	315
	PLOT SCALE = 50.000 ' / IN.	CHECKED -	REVISED - R. SHAH 10-25-94						BD500-01 (BD-7)		CONTRACT NO. 61E06		
	PLOT DATE = 1/4/2008	DATE - 07-25-90	REVISED - R. SHAH 06-12-96		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
D) BACKFILL WITH CRUSHED STONE AND A MINIMUM 1½ (40) THICK HMA SURFACE MIX APPROVED BY THE ENGINEER.

STAGE 2 (AFTER PAVEMENT MILLING)

A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS PP-1* CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

*UNLESS OTHERWISE SPECIFIED IN THE PLANS.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS EXCEPT THAT "THE CONTRACTOR SHALL ADJUST THE STRUCTURES TO THE FINISHED PAVEMENT ELEVATION NO MORE THAN 5 CALENDAR DAYS PRIOR TO PLACEMENT OF THE FINAL LIFT OF SURFACE UNLESS APPROVED BY THE ENGINEER."

LEGEND

1. SUB-BASE GRANULAR MATERIAL
2. EXISTING PAVEMENT
3. 36 (900) DIAMETER METAL PLATE
4. PROPOSED CRUSHED STONE AND HMA SURFACE MIX
5. EXISTING STRUCTURE
6. FRAME AND LID (SEE NOTES)
7. CLASS PP-1* CONCRETE
8. PROPOSED HMA SURFACE COURSE
9. PROPOSED HMA BINDER COURSE

NOTES:

EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.

IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.

~~CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.~~

THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

LOCATION OF STRUCTURES:

THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.

BASIS OF PAYMENT:

REMOVING FRAMES AND LIDS ON DRAINAGE AND UTILITY STRUCTURES IN THE PAVEMENT PRIOR TO MILLING, AND ADJUSTING TO FINAL GRADE PRIOR TO PLACING THE SURFACE COURSE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)."

THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.

NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

FILE NAME = c:\pw_work\pwidot\bauerdl\d0108315\bd08.dgn	USER NAME = bauerdl	DESIGNED - R. SHAH	REVISED - R. WIEDEMAN 05-14-04
		DRAWN -	REVISED - R. BORO 01-01-07
	PLOT SCALE = 1968.5000 ' / m	CHECKED -	REVISED - R. BORO 03-09-11
	PLOT DATE = 12/6/2011	DATE - 10-25-94	REVISED - R. BORO 12-06-11

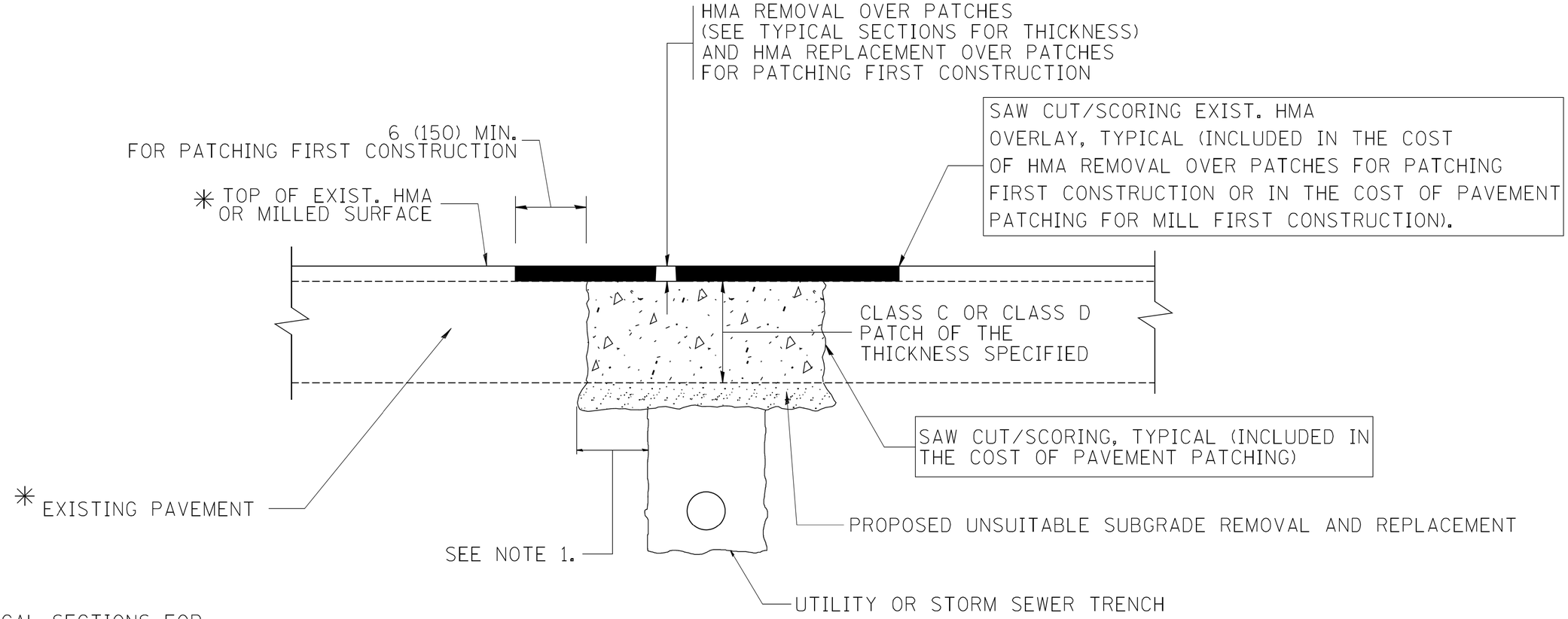
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS FOR
FRAMES AND LIDS ADJUSTMENT WITH MILLING

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	11-00302-04-CH	DUPAGE	341	316
	BD600-03 (BD-8)	CONTRACT NO. 61E06		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

bd08.dgn 12/6/2011 10:53:13 AM User:bauerdl



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

NOTES:

1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 12 (300) WIDER ON EACH SIDE OF THE TRENCH.
2. FOR METHOD OF MEASUREMENT AND BASIS OF PAYMENT, SEE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

1. MILL HMA FIRST IF THERE IS AT LEAST $4\frac{1}{2}$ INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

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

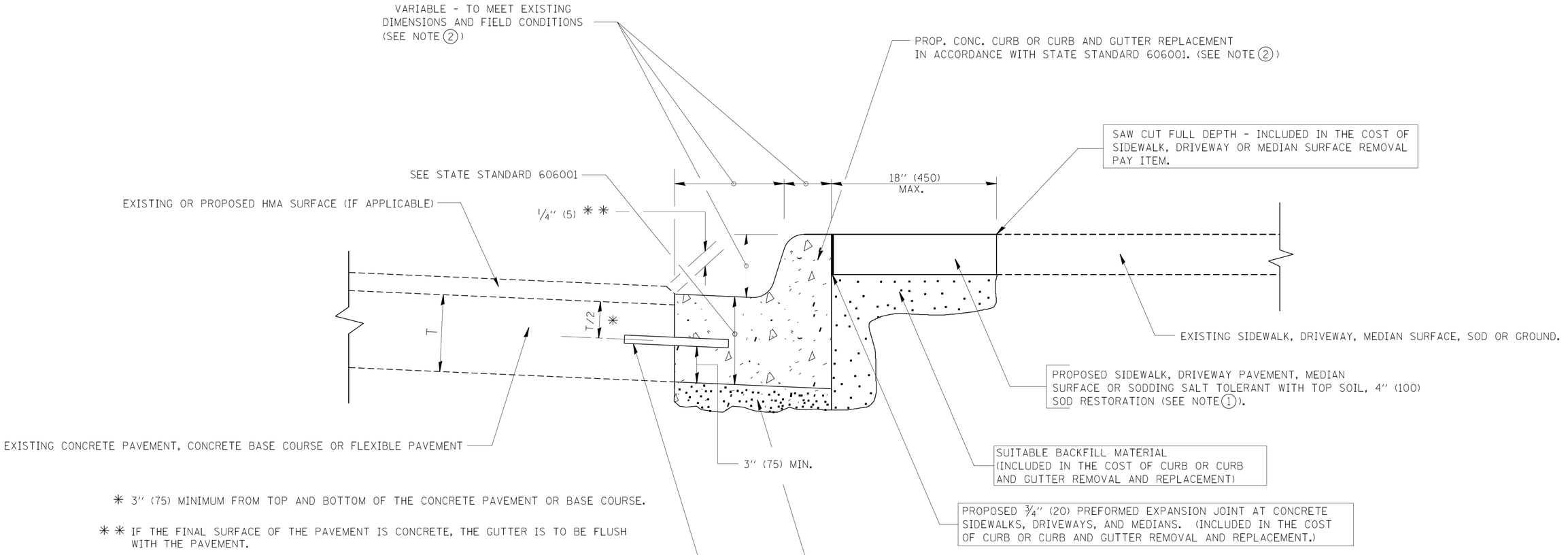
FILE NAME = c:\projects\diststd22x34\bd22.dgn	USER NAME = bauerdl	DESIGNED - R. SHAH	REVISED - A. ABBAS 04-27-98
		DRAWN -	REVISED - R. BORO 01-01-07
	PLOT SCALE = 50.000 ' / IN.	CHECKED -	REVISED - R. BORO 09-04-07
	PLOT DATE = 10/27/2008	DATE - 10-25-94	REVISED - K. ENG 10-27-08

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	11-00302-04-CH	DUPAGE	341	317
	BD400-04 (BD-22)	CONTRACT NO. 61E06		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



* 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.

* * IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

NOTE: (1) SIDEWALK, DRIVEWAY PAVEMENT OR MEDIAN SURFACE SHALL BE SIMILAR TO THE MATERIAL BEING REMOVED AND WILL BE PAID FOR SEPARATELY.

SODDING, SALT TOLERANT AND TOP SOIL, FURNISH AND PLACE 4" WILL BE PAID FOR SEPARATELY,

(2) FERTILIZER FOR THE PLACEMENT OF THE SOD IS NOT REQUIRED

(3) CURB OR CURB AND GUTTER REPLACEMENT SHALL MATCH THE SHAPE OF THE EXISTING CURB OR CURB AND GUTTER UNLESS OTHERWISE SPECIFIED.

(4) FOR CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT ADJACENT TO FLEXIBLE PAVEMENT DELETE EPOXY COATED TIE BARS.

(5) LONGITUDINAL BARS, IF ENCOUNTERED IN THE EXISTING CURB OR CURB AND GUTTER, ARE NOT TO BE REPLACED. CUTTING AND REMOVING LONGITUDINAL BARS SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

(6) THE COST OF HMA SURFACE REMOVAL IN THE EXISTING GUTTER FLAG SHALL BE INCLUDED IN THE COST OF THE CURB AND GUTTER REMOVAL AND REPLACEMENT.

(7) THE REMOVAL AND REPLACEMENT OF THE EXISTING CURB OR CURB AND GUTTER SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 440 AND 606 OF THE STANDARD SPECIFICATIONS.

(8) THE LOCATIONS OF REMOVAL AND REPLACEMENT OF EXISTING CURB OR CURB AND GUTTER SHALL BE DETERMINED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.

BASIS OF PAYMENT:

THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT (METER) FOR "CURB REMOVAL AND REPLACEMENT" OR "COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT".

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

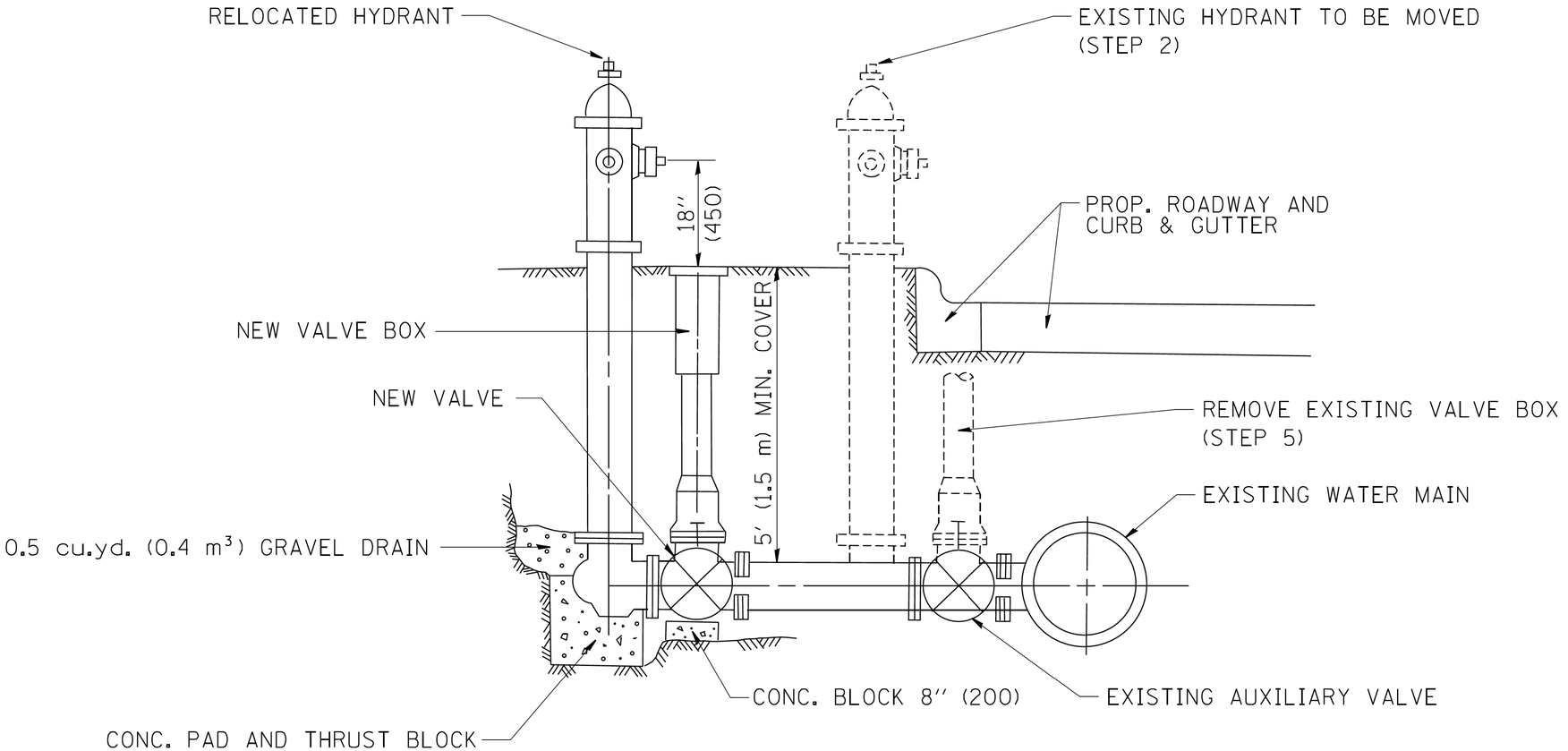
FILE NAME = c:\pw_work\pwidot\drivakosgn\d0108315\bd24.dgn	USER NAME = drivakosgn	DESIGNED - A. HOUSEH	REVISED - R. SHAH 10-03-96
		DRAWN -	REVISED - A. ABBAS 03-21-97
	PLOT SCALE = 50.000 ' / IN.	CHECKED -	REVISED - M. GOMEZ 01-22-01
	PLOT DATE = 12/15/2009	DATE - 03-11-94	REVISED - R. BORO 12-15-09

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	11-00302-04-CH	DUPAGE	341	318
	BD600-06 (BD-24)	CONTRACT NO. 61E06		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



SEQUENCE OF CONSTRUCTION:

1. CLOSE EXISTING VALVE.
2. REMOVE EXISTING HYDRANT.
3. INSTALL HYDRANT EXTENSION AND NEW VALVE.
4. RELOCATE EXISTING HYDRANT.
5. OPEN EXISTING VALVE, REMOVE BOX.
6. BACKFILL.
7. FLUSH AND TEST FOR CHLORIDE RESIDUAL AND PROVIDE TEST.

ALL WORK TO BE DONE IN ACCORDANCE WITH ARTICLE 564 OF THE STANDARD SPECIFICATIONS. NEW VALVE AND BOX SHALL BE SAME MAKE AND MODEL AS EXISTING.

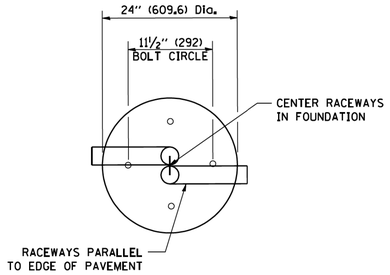
FIRE HYDRANT TO BE MOVED

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

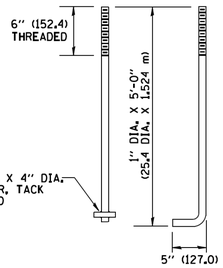
FILE NAME = W:\diststd\22x34\bd36.dgn	USER NAME = gaglianobt	DESIGNED -	REVISED - R. SHAH 09-09-94	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FIRE HYDRANT TO BE MOVED			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED - R. SHAH 10-25-94					1504	11-00302-04-CH	DUPAGE	341	319
	PLOT SCALE = 50.0000 '/ IN.	CHECKED -	REVISED -						BD-36	CONTRACT NO. 61E06		
	PLOT DATE = 1/4/2008	DATE -	REVISED -		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.		FED. ROAD DIST. NO. 1 ILLINOIS	FED. AID PROJECT		

LIGHT POLE FOUNDATION DEPTH TABLE
30 FT. (9.144 m) TO 35 FT. (10.668 m) MOUNTING HEIGHT

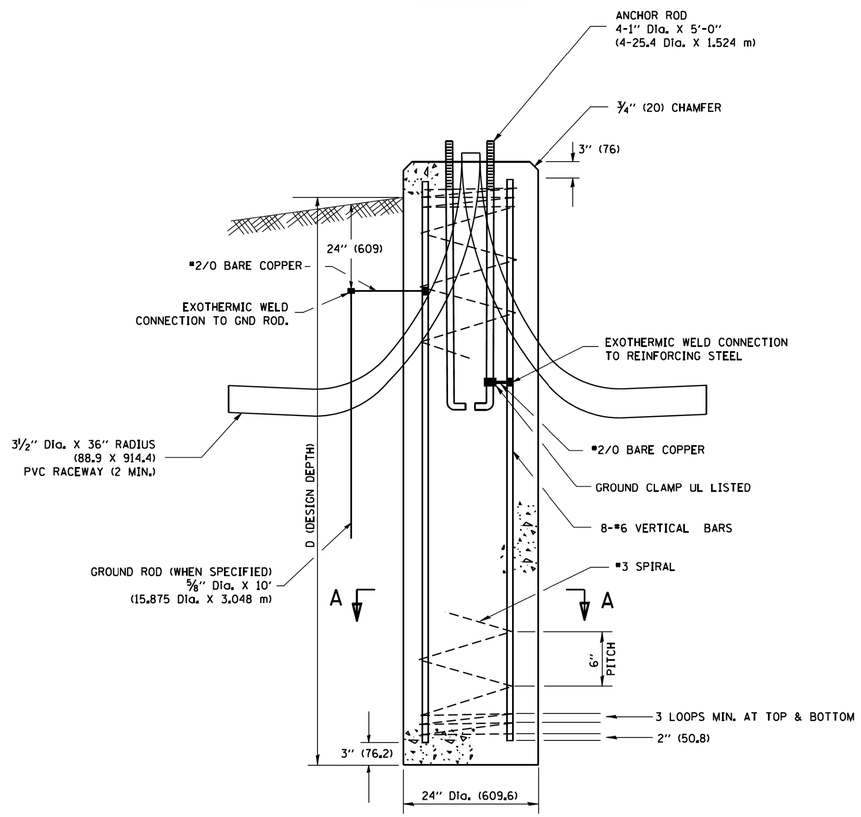
SOIL CONDITIONS	DESIGN DEPTH "D" OF FOUNDATION	
	SINGLE ARM POLE	TWIN ARM POLE
SOFT CLAY Qu = 0.375 TON/SQ. FT.	11'-0" (3.35 m)	12'-8" (3.85 m)
MEDIUM CLAY Qu = 0.75 TON/SQ.FT	9'-0" (2.74 m)	14'-10" (4.52 m)
STIFF CLAY Qu = 1.50 TON/SQ. FT.	7'-6" (2.29 m)	8'-7" (2.61 m)
LOOSE SAND Ø = 34°	9'-6" (2.90 m)	10'-7" (3.22 m)
MEDIUM SAND Ø = 37.5°	9'-0" (2.74 m)	9'-10" (2.99 m)
DENSE SAND Ø = 40°	8'-3" (2.51 m)	9'-7" (2.91 m)



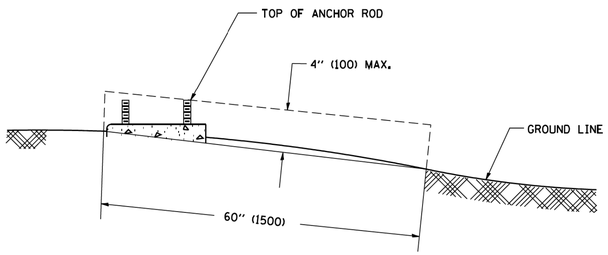
TOP VIEW



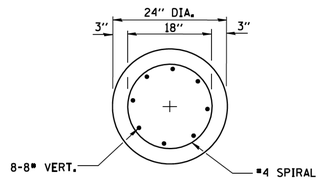
ANCHOR BOLT DETAIL



FOUNDATION DETAIL



FOUNDATION EXTENSION DETAIL



SECTION A-A

NOTES

1. ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
2. THE ANCHOR RODS AND RACEWAYS SHALL BE PROPERLY SECURED IN PLACE BEFORE THE CONCRETE IN PLACED.
3. THE FOUNDATION SHALL NOT PROTRUDE MORE THAN 4 IN. (100 mm) ABOVE THE FINISHED GRADE WITHIN A 60 IN. (1.5 m) CHORD ACROSS THE FOUNDATION, WITH ANCHOR RODS INCLUDED. IN ACCORDANCE WITH AASHTO GUIDELINES. IF THE FOUNDATION HEIGHT, INCLUDING ANCHOR RODS, EXTENDS BEYOND THESE SPECIFIED LIMITS, THE FOUNDATION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE. SEE FOUNDATION EXTENSION DETAIL.
4. THE HOLE FOR THE FOUNDATION SHALL BE MADE BY DRILLING WITH AN AUGER, OF THE SAME DIAMETER AS THE FOUNDATION. IF SOIL CONDITIONS REQUIRE THE USE OF A LINER TO FORM THE HOLE. THE LINER SHALL BE WITHDRAWN AS THE CONCRETE IS DEPOSITED.
5. THE TOP OF THE FOUNDATION SHALL BE CONSTRUCTED LEVEL. A LINER OR FORM SHALL BE USED TO PRODUCE A UNIFORM SMOOTH SIDE TO THE TOP OF THE FOUNDATION. FOUNDATION TOP SHALL BE CHAMFERED ¾-IN. (20 mm).
6. THE CONCRETE SHALL BE CLASS SI. CONCRETE SHALL CURE ACCORDING TO ARTICLE 1020.13 BEFORE LIGHT POLES ARE INSTALLED.
7. THE ANCHOR ROD SHALL BE A HOOK ROD TYPE. COLD BENDING OF THE ANCHOR ROD WILL NOT BE ALLOWED. THE RADIUS OF THE HOOK BEND SHALL NOT BE LESS THAN 4 TIMES THE NOMINAL DIAMETER OF THE ANCHOR ROD. A TACK WELDED ANCHOR ROD MAY BE SUBSTITUTED WITH THE APPROVAL OF THE ENGINEER.
8. THE ANCHOR RODS SHALL BE ACCORDING TO ASTM F1554 GRADE 725 (GRADE 105). NUTS SHALL BE HEXAGON NUTS ACCORDING TO ASTM A 194 2H OR ASTM A 563 DH, AND WASHERS SHALL BE ACCORDING TO ASTM F 436.
9. ANCHOR RODS, NUTS AND WASHERS SHALL BE COMPLETELY GALVANIZED BY EITHER THE HOT-DIPPED PROCESS CONFORMING WITH AASHTO M 232, THE MECHANICAL PLATING METHOD CONFORMING TO AASHTO M 298, CLASS 50 WITH A MAXIMUM COATING THICKNESS OF 150 UM(6 MILS) OR THE ELECTROLYTIC PROCESS ACCORDING TO ASTM F 1136.
10. THE ANCHOR RODS SHALL BE THREADED A MINIMUM OF 6 INCHES (150 mm) WITH A MINIMUM OF 3 INCHES (75 mm) OF THREADED ANCHOR ROD EMBEDDED IN THE FOUNDATION.
11. ANCHOR RODS SHALL PROJECT 2¾" (69.9 mm) ABOVE THE TOP OF THE FOUNDATION. IF BREAKAWAY COUPLINGS ARE SPECIFIED, THE CONTRACTOR SHALL CAREFULLY COORDINATE THE ANCHOR ROD PROJECTION WITH THE INSTALLATION REQUIREMENTS OF THE BREAKAWAY COUPLINGS.
12. THE CONTRACTOR SHALL USE A #3 SPIRAL AT 6" (152.4 mm) PITCH OR MAY SUBSTITUTE #3 TIES AT 12" (304.8 mm) O.C. WITH THE APPROVAL OF THE ENGINEER.
13. THE CABLE TRENCHES AND FOUNDATION SHALL BE BACK FILLED AND COMPACTED AS SPECIFIED BEFORE THE LIGHT POLE IS ERECTED.
14. THE RACEWAYS SHALL PROJECT 1" (25.4 mm) ABOVE THE TOP OF THE FOUNDATION.

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		DRAWN -	REVISED -
	PLOT SCALE = 50.0000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 1/4/2008	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LIGHT POLE FOUNDATION
30' (9.144 m) TO 35' (10.668 m) M.H. 11 1/2" (292 mm) BOLT CIRCLE

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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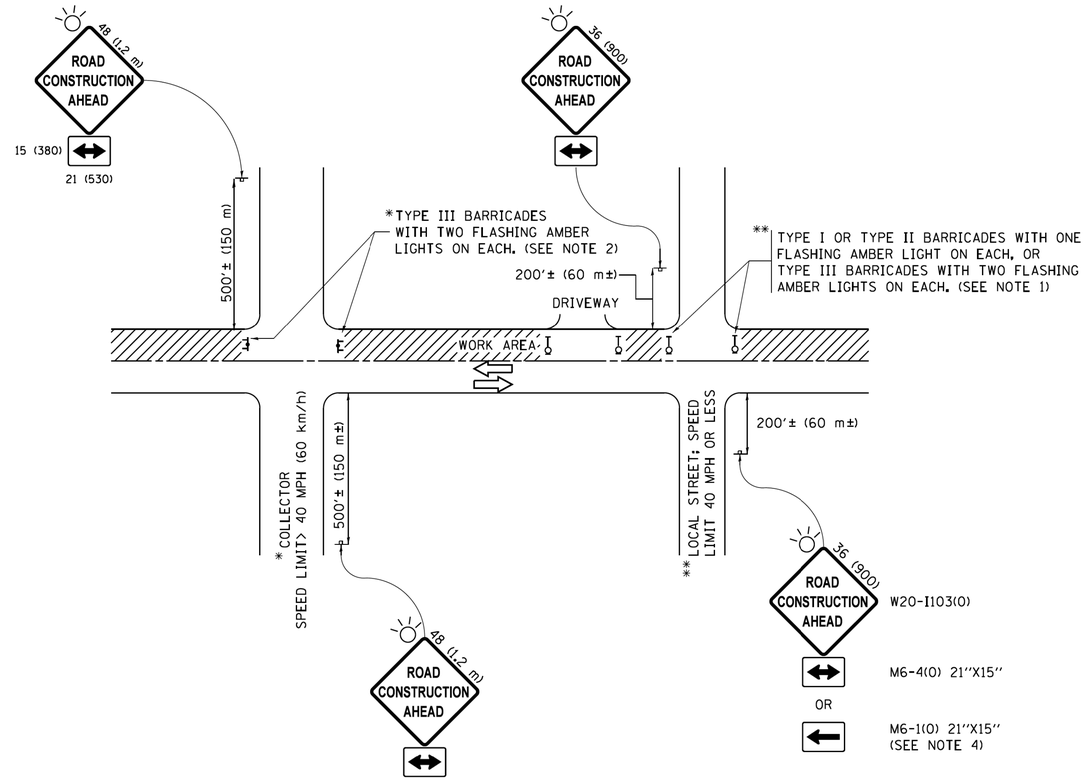
	BE-300	CONTRACT NO. 61E06		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



NOTES:

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
   a) ONE ''ROAD CONSTRUCTION AHEAD'' SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
   b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
   a) ONE ''ROAD CONSTRUCTION AHEAD'' SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
   b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
4. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

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Default	PLOT DATE = 9/15/2016	DATE - 06-89	REVISED - A. SCHUETZE 07-01-13
			REVISED - A. SCHUETZE 09-15-16

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	11-00302-04-CH	DUPAGE	341	321
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	ILLINOIS FED. AID PROJECT			

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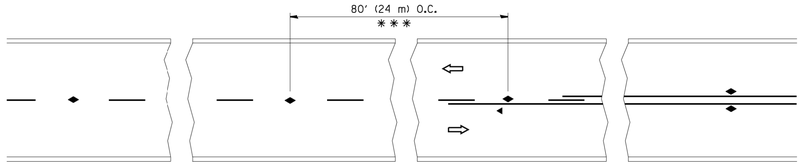
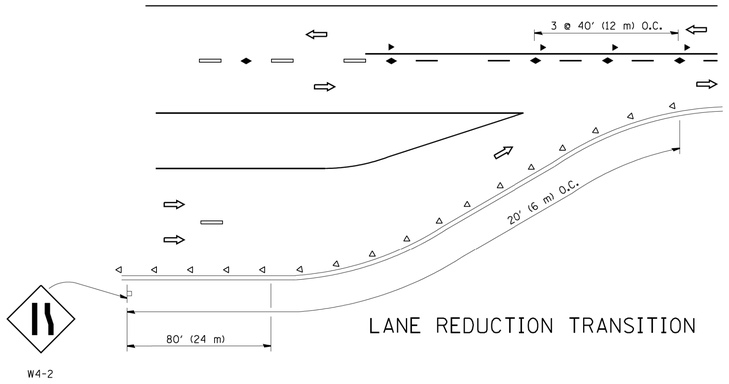
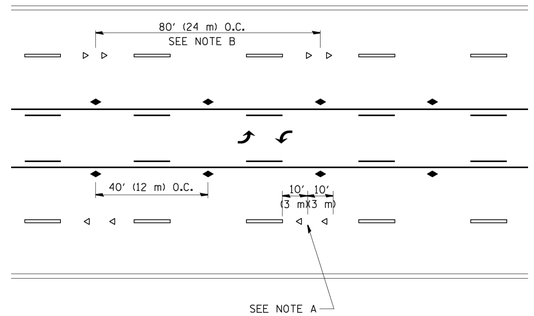


* * * REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

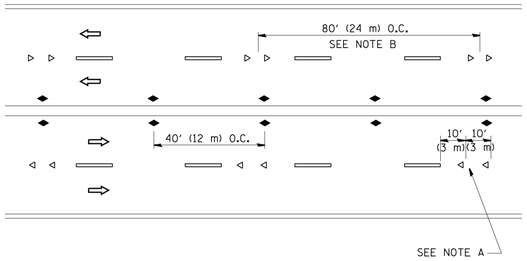
TWO-LANE/TWO-WAY



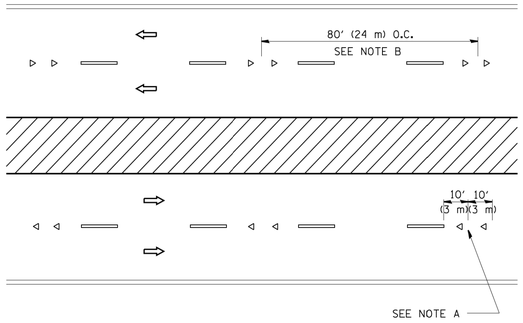
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
3. MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.

SYMBOLS

- YELLOW STRIPE
- WHITE STRIPE
- ONE-WAY AMBER MARKER
- ONE-WAY CRYSTAL MARKER (W/O)
- TWO-WAY AMBER MARKER

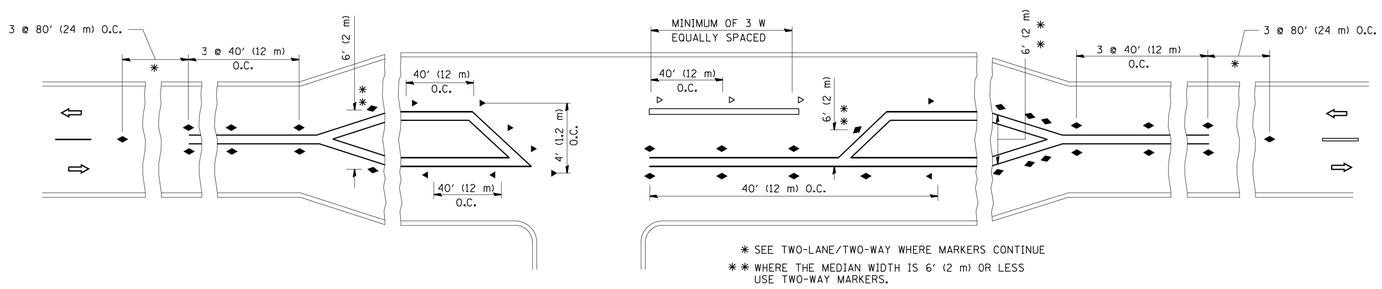
LANE MARKER NOTES

A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.

B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H (20 km/h) LOWER THAN POSTED SPEEDS.

DESIGN NOTES

1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHALL BE INCLUDED IN THE PLANS WHEN STANDARD SPECIFICATIONS ARE NOT BEING USED.
4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.



* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE

** WHERE THE MEDIAN WIDTH IS 6' (2 m) OR LESS USE TWO-WAY MARKERS.

LEFT TURN

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

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		DRAWN -	REVISED - T. RAMMACHER 03-12-99		
	PLOT SCALE = 50.000 ' / IN.	CHECKED -	REVISED - T. RAMMACHER 01-06-00		SCALE: NONE | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA.
	PLOT DATE = 3/2/2011	DATE -	REVISED - C. JUCIUS 09-09-09		

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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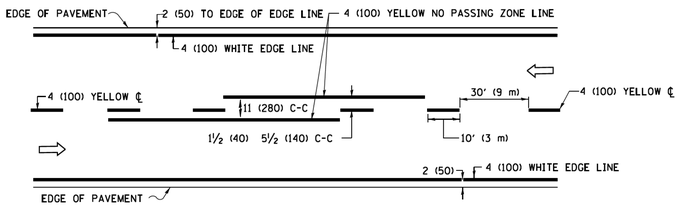
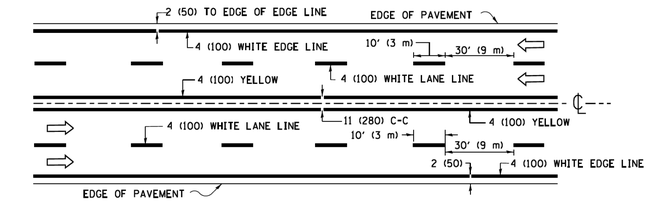
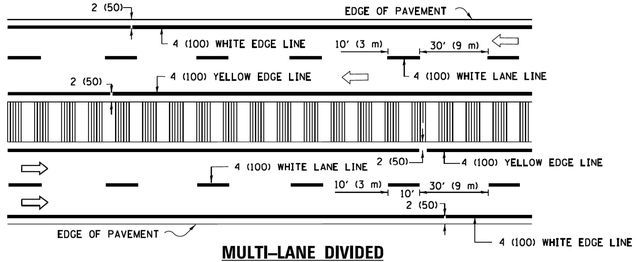


2–LANE ROADWAY

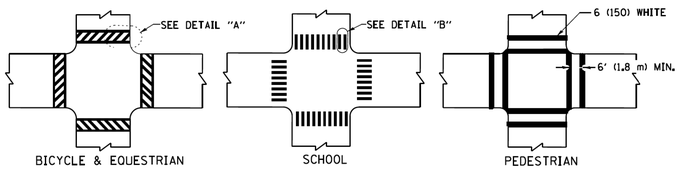


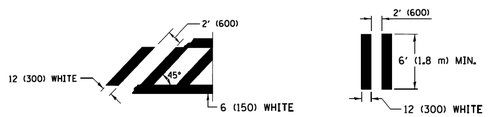
MULTI–LANE UNDIVIDED



MULTI–LANE DIVIDED
WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

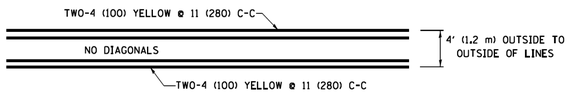




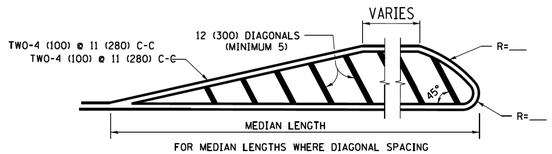
DETAIL "A" **DETAIL "B"**

TYPICAL CROSSWALK MARKING

✳ MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



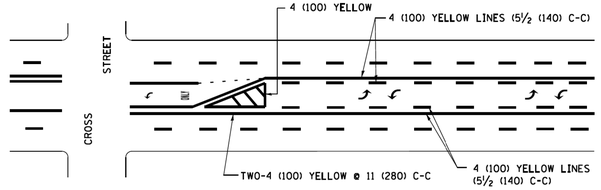
4' (1.2 m) WIDE MEDIANS ONLY



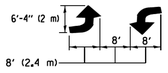
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h))
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

MEDIANS OVER 4' (1.2 m) WIDE

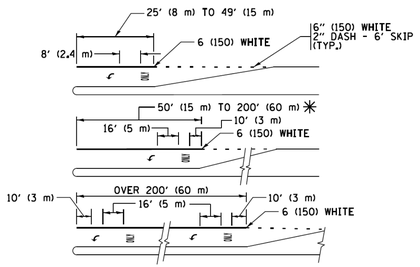


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO–WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

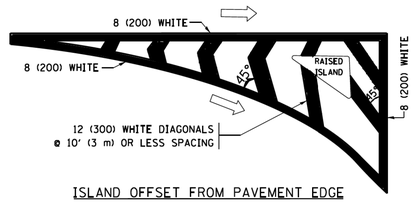


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
↰ AREA = 15.6 SQ. FT. (1.5 m^2) **ONLY** AREA = 20.8 SQ. FT. (1.9 m^2)

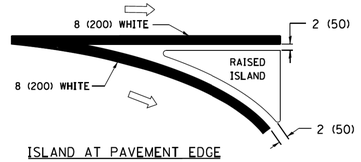
✳ TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

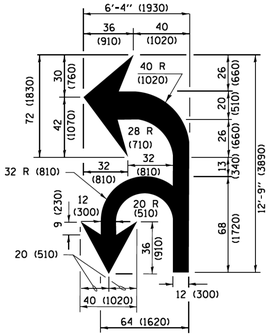


ISLAND OFFSET FROM PAVEMENT EDGE

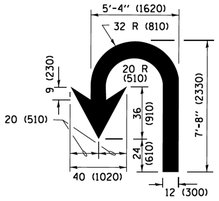


ISLAND AT PAVEMENT EDGE

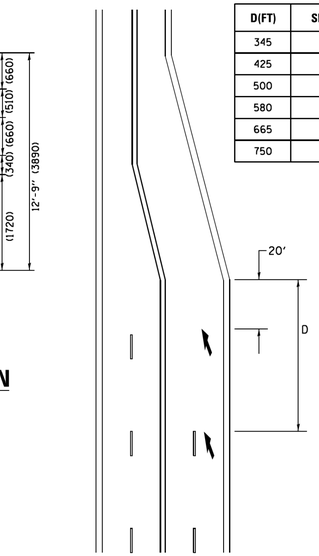
TYPICAL ISLAND MARKING



COMBINATION LEFT AND U–TURN



U–TURN



D(FT)	SPEED LIMIT
345	30
425	35
500	40
580	45
665	50
750	55

LANE REDUCTION TRANSITION

✳ LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING /REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 ⌀ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 ⌀ 4 (100)	SOLID SOLID	YELLOW YELLOW	5½ (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2,4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 ⌀ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5½ (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 ⌀ 6 (150) 12 (300) ⌀ 45° 12 (300) ⌀ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 ⌀ 4 (100) WITH 12 (300) DIAGONALS ⌀ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS ⌀ 45°	SOLID	WHITE	DIAGONALS: 15' (4,5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3,6 SQ. FT. (0,33 m^2) EACH "X"=54,0 SQ. FT. (5,0 m^2)
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	12 (300) ⌀ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16,3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30,4 SF

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

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

FILE NAME = pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\Distribution\CADData\CADsheets\tc13.dgn Default	USER NAME = footemj	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09
		DRAWN -	REVISED - C. JUCIUS 07-01-13
	PLOT SCALE = 50.000 ' / in.	CHECKED -	REVISED - C. JUCIUS 12-21-15
	PLOT DATE = 4/13/2016	DATE - 03-19-90	REVISED - C. JUCIUS 04-12-16

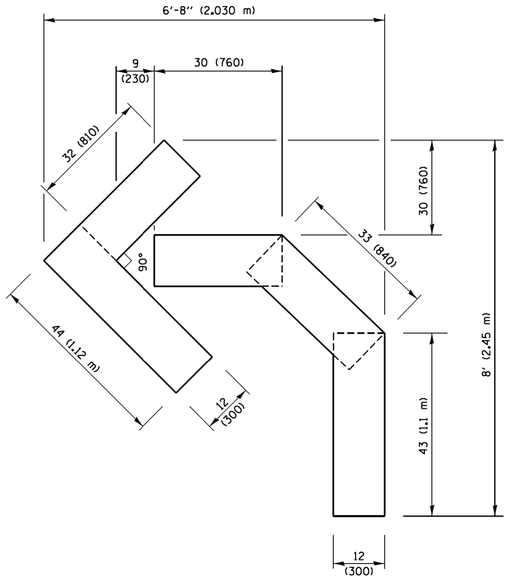
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
TYPICAL PAVEMENT MARKINGS

SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. | TO STA.

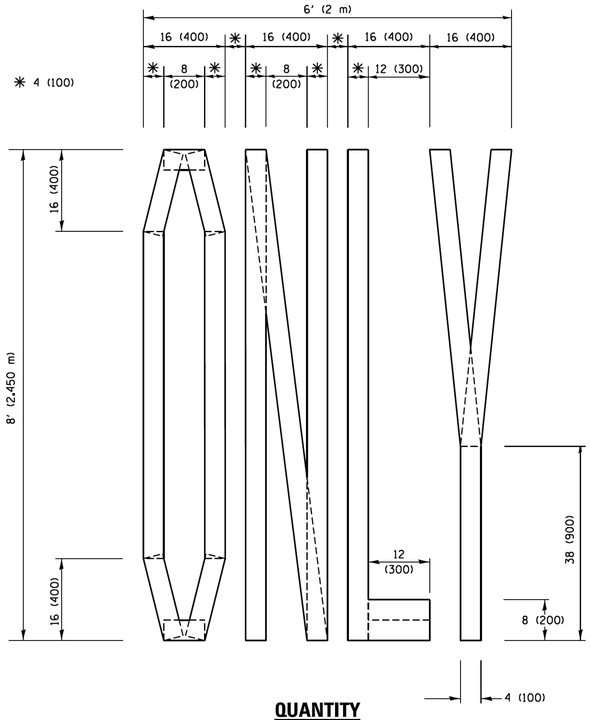
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	11-00302-04-CH	DUPAGE	341	323
	TC-13	CONTRACT NO. 61E06		
	ILLINOIS FED. AID PROJECT			

tc13.dgn 4/13/2016 2:04:04 PM User:footemj



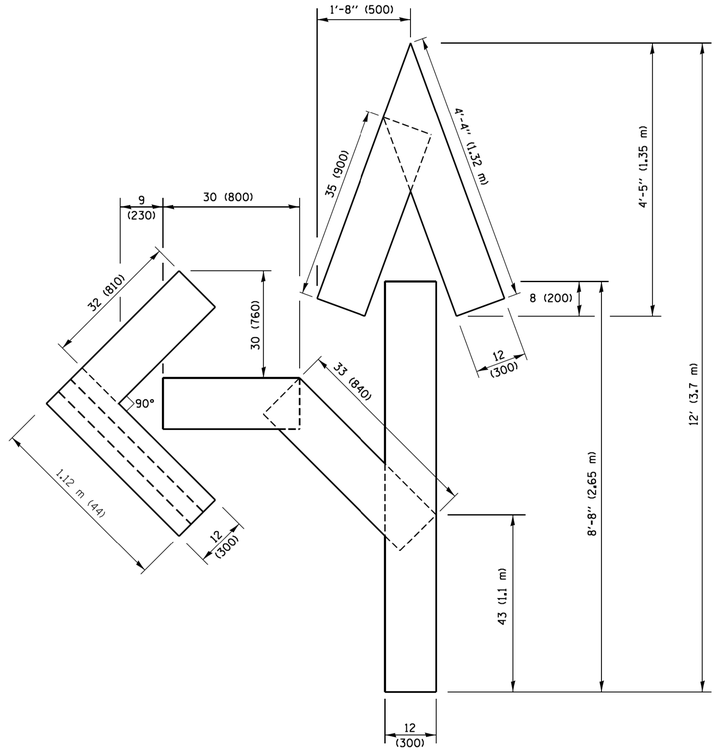
QUANTITY

4 (100) LINE = 45.5 ft. (13.9 m)
15.2 sq. ft. (1.41 sq. m)



QUANTITY

4 (100) LINE = 64.1 ft. (19.5 m)
21.4 sq. ft. (1.99 sq. m)

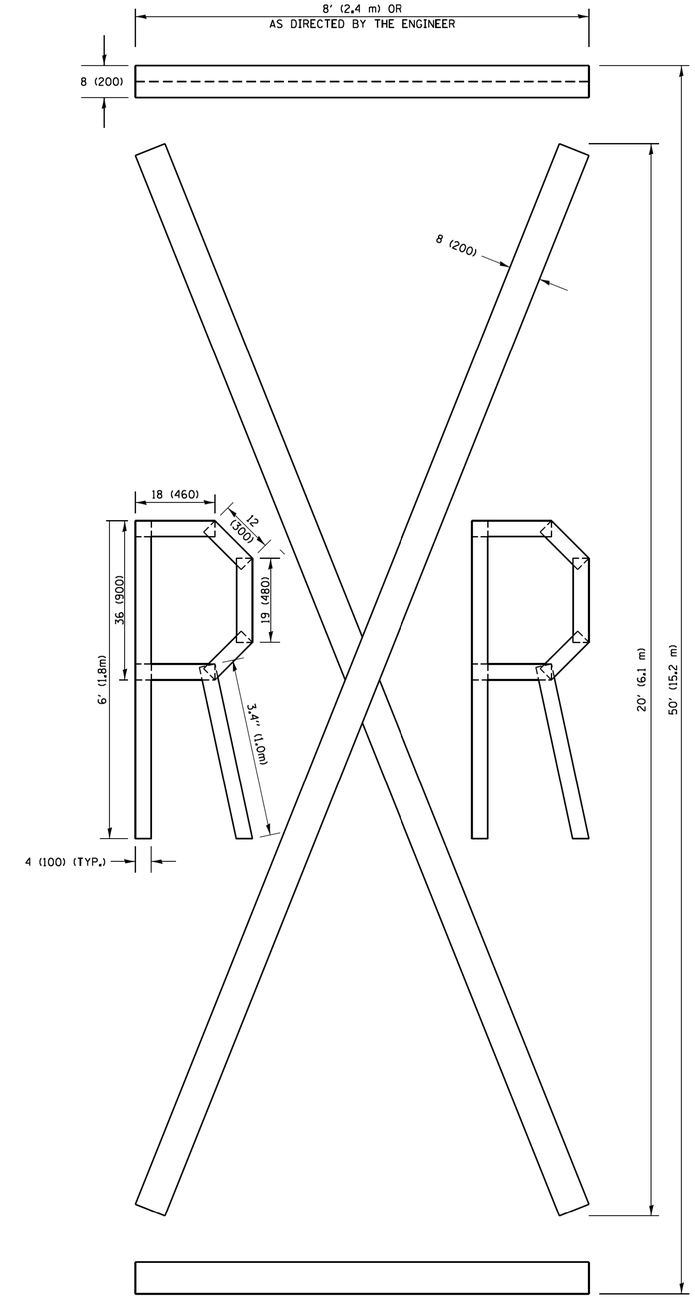


QUANTITY

4 (100) LINE = 82.5 ft. (25.1 m)
27.5 sq. ft. (2.53 sq. m)

NOTE:

ALL QUANTITIES OF PLACEMENT ARE REPRESENTED IN LINEAR FEET OF 4" LINES TO MATCH THE 4" TEMPORARY TAPE PAY ITEM AND REPRESENTS THE TOTAL QUANTITY OF 4" TAPE REQUIRED.



QUANTITY

4 (100) LINE = 225.9 ft. (68.9 m)
75.3 sq. ft. (6.99 sq. m)

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

FILE NAME = pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\Dist CADD\CADData\CADsheets\tc16.dgn	USER NAME = footemj	DESIGNED -	REVISED -T. RAMMACHER 03-02-98
		DRAWN -	REVISED -E. GOMEZ 08-28-00
	PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED -E. GOMEZ 08-28-00
	PLOT DATE = 9/15/2016	DATE - 09-18-94	REVISED -A. SCHUETZE 09-15-16

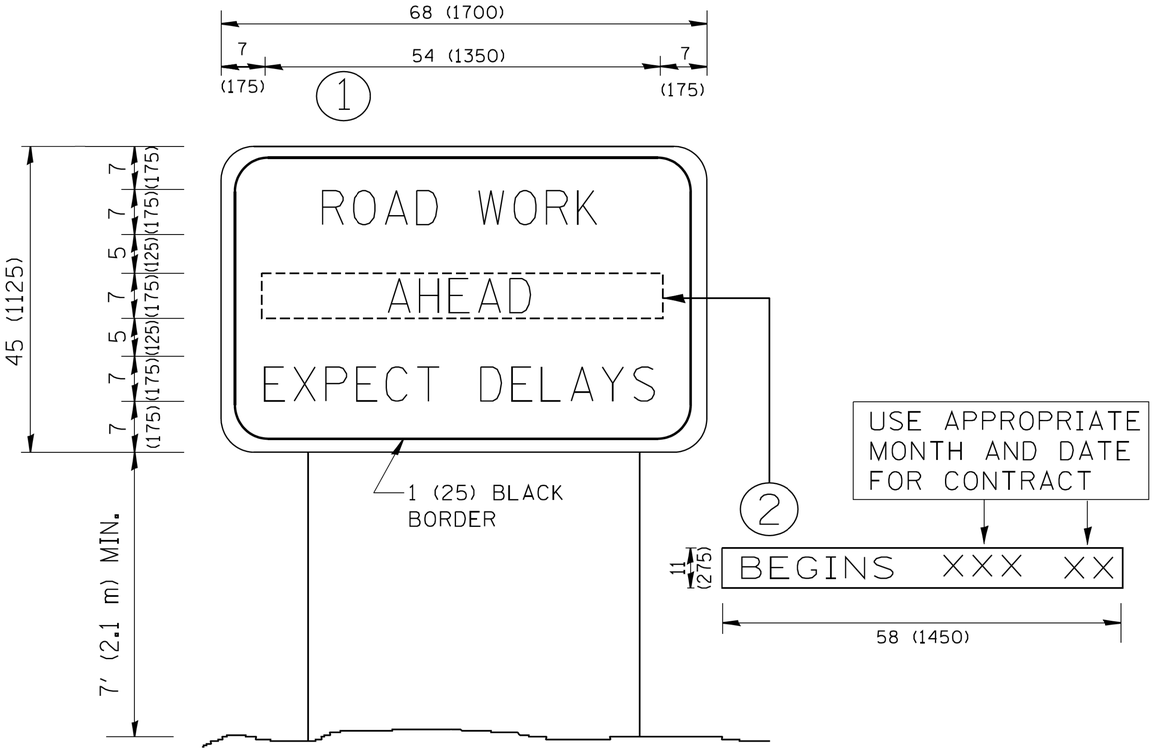
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	11-00302-04-CH	DUPAGE	341	324
	TC-16	CONTRACT NO. 61E06		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

tc16.dgn 9/15/2016 12:45:20 PM User:footemj



NOTES:

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN (1) WITH INSTALLED PANEL (2) ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL (2) SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

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

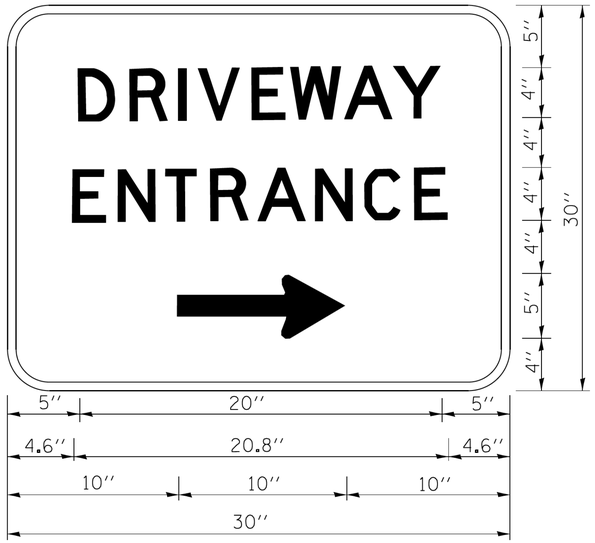
FILE NAME = W:\diststd\22x34\tc22.dgn	USER NAME = gaglianobt	DESIGNED -	REVISED - R. MIRS 09-15-97
		DRAWN -	REVISED - R. MIRS 12-11-97
	PLOT SCALE = 50.000 ' / IN.	CHECKED -	REVISED -T. RAMMACHER 02-02-99
	PLOT DATE = 1/4/2008	DATE -	REVISED - C. JUCIUS 01-31-07

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ARTERIAL ROAD INFORMATION SIGN

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	11-00302-04-CH	DUPAGE	341	325
	TC-22	CONTRACT NO. 61E06		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



3.0'' RADIUS, 0.5'' BORDER, WHITE ON GREEN; REFLECTORIZED
''DRIVEWAY'' D; ''ENTRANCE'' D; STANDARD ARROW CUSTOM 12.0'' × 5.0''

NOTES:

1. HALF OF THE SIGNS WILL REQUIRE A LEFT HAND FACING ARROW.
2. TWO SIGNS SHALL BE USED AT EACH COMMERCIAL ENTRANCE PLACED BACK-TO-BACK; ONE WITH A RIGHT HAND ARROW (SHOWN) SHALL BE PLACED ON THE NEAR RIGHT SIDE THE DRIVEWAY AND ONE WITH A LEFT HAND ARROW SHALL BE PLACED ON THE FAR LEFT SIDE OF THE DRIVEWAY.
3. SIGNS TO BE PAID FOR AS ITEM ''TEMPORARY INFORMATION SIGNING''.

FILE NAME = c:\pw_work\pwidot\gaglianobt\d0108315\tc26.dgn	USER NAME = gaglianobt	DESIGNED -	REVISED - C. JUCIUS 02-15-07
		DRAWN -	REVISED -
	PLOT SCALE = 50.000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 12/13/2012	DATE -	REVISED -

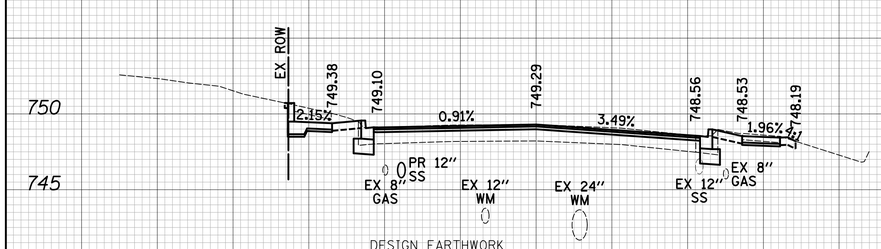
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRIVEWAY ENTRANCE SIGNING

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

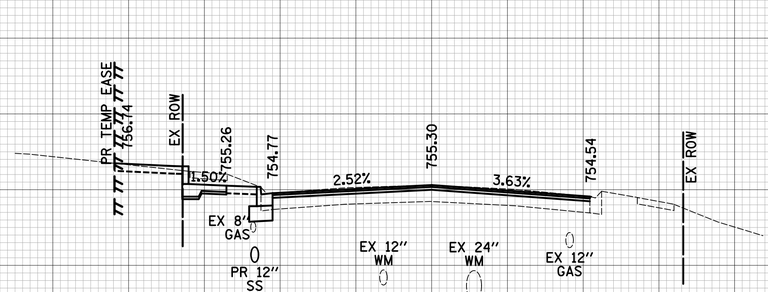
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	11-00302-04-CH	DUPAGE	341	326
	TC-26	CONTRACT NO. 61E06		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

tc26.dgn 12/13/2012 3:26:37 PM User:gaglianobt



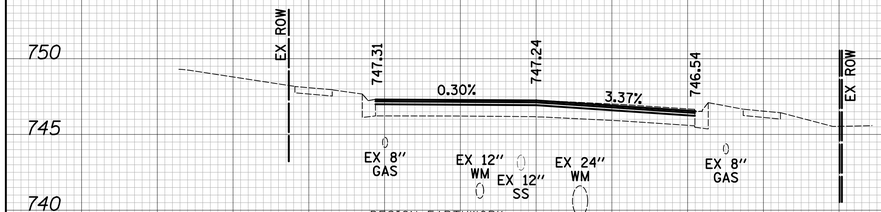
DESIGN EARTHWORK
EARTH EXCAVATION AREA: 16 SF
FURNISHED EXCAVATION AREA: 6 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL: 8 SF

431 + 00



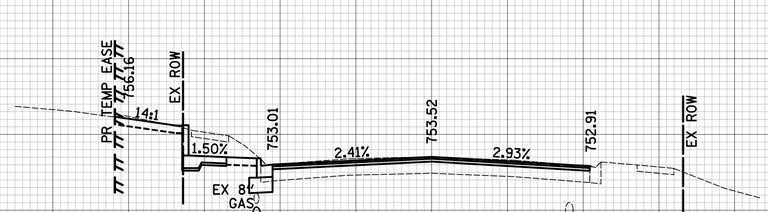
DESIGN EARTHWORK
EARTH EXCAVATION AREA: 12 SF
FURNISHED EXCAVATION AREA: 3 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL: 5 SF

432 + 50



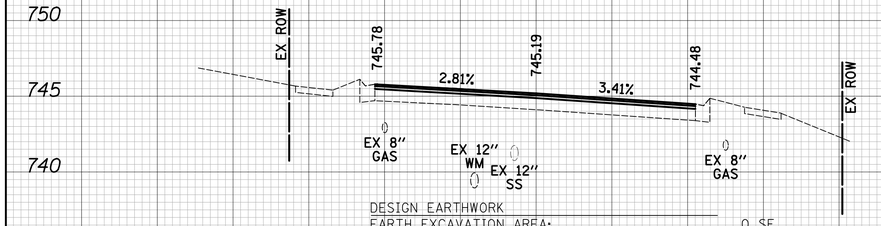
DESIGN EARTHWORK
EARTH EXCAVATION AREA: 0 SF
FURNISHED EXCAVATION AREA: 0 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL: 0 SF

430 + 50



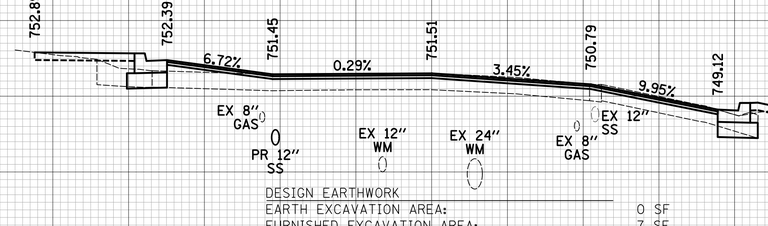
DESIGN EARTHWORK
EARTH EXCAVATION AREA: 21 SF
FURNISHED EXCAVATION AREA: 4 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL: 10 SF

432 + 00



DESIGN EARTHWORK
EARTH EXCAVATION AREA: 0 SF
FURNISHED EXCAVATION AREA: 0 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL: 0 SF

430 + 00



DESIGN EARTHWORK
EARTH EXCAVATION AREA: 0 SF
FURNISHED EXCAVATION AREA: 7 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL: 0 SF

431 + 50

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

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

CIVILTECH
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Itasca, Illinois 60143
Tel: 630.773.3900 Fax: 630.773.3975
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DESIGNED - JRR	REVISED -	
DRAWN - TGB	REVISED -	
CHECKED - JRV	REVISED -	
DATE - 09/06/2018	REVISED -	

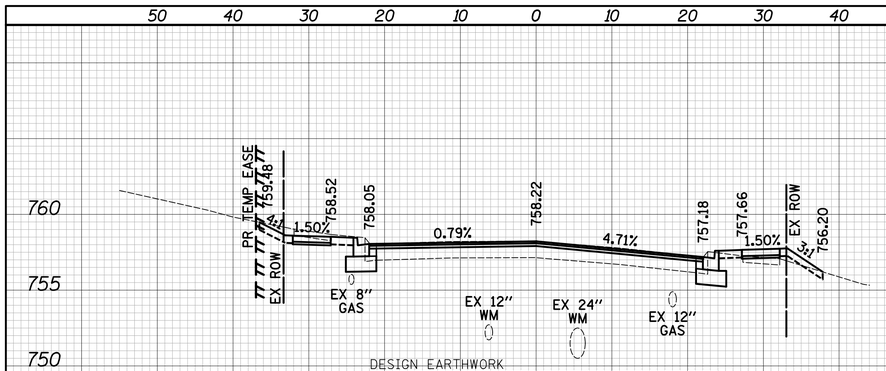
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALES
VERT. 0 5 10
HORIZ. 0 10 20

CROSS SECTIONS – 55TH STREET

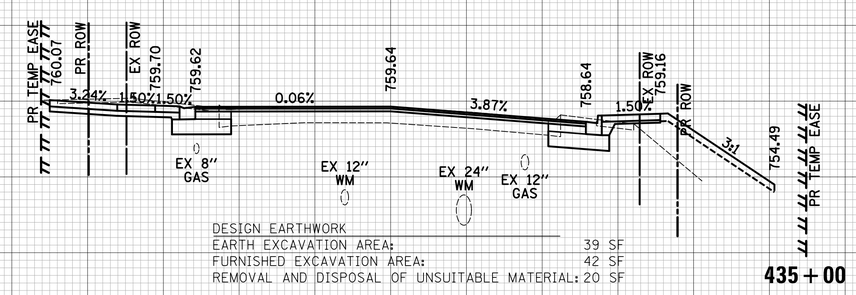
SHEET NO. 1 OF 9 SHEETS | STA. 430+00 | TO STA. 432+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	11-00302-04-CH	DUPAGE	341	327
		CONTRACT NO. 61E06		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



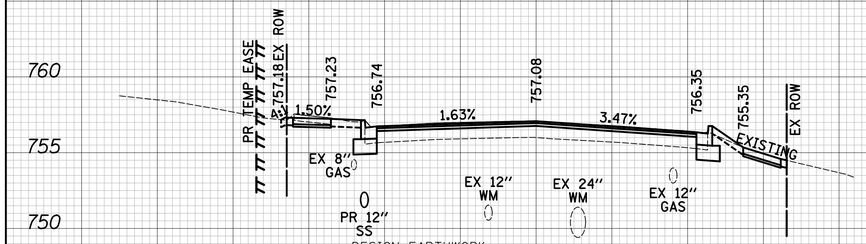
DESIGN EARTHWORK
EARTH EXCAVATION AREA: 15 SF
FURNISHED EXCAVATION AREA: 11 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL: 16 SF

433 + 50



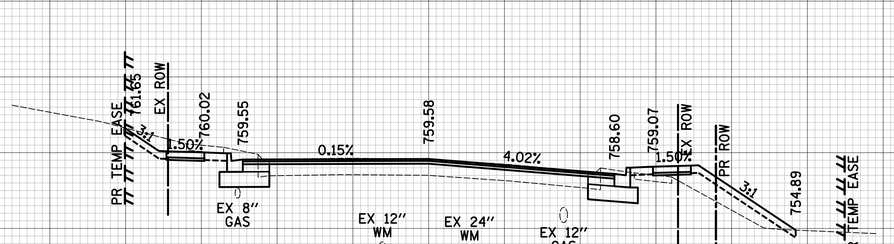
DESIGN EARTHWORK
EARTH EXCAVATION AREA: 39 SF
FURNISHED EXCAVATION AREA: 42 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL: 20 SF

435 + 00



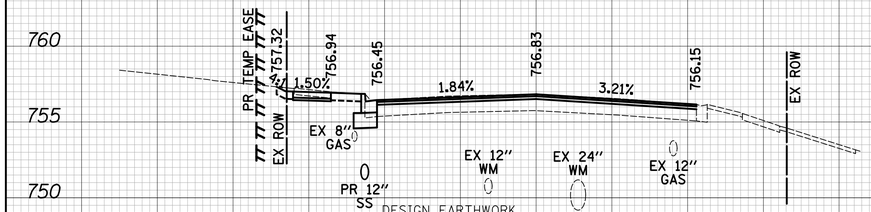
DESIGN EARTHWORK
EARTH EXCAVATION AREA: 11 SF
FURNISHED EXCAVATION AREA: 6 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL: 10 SF

433 + 09



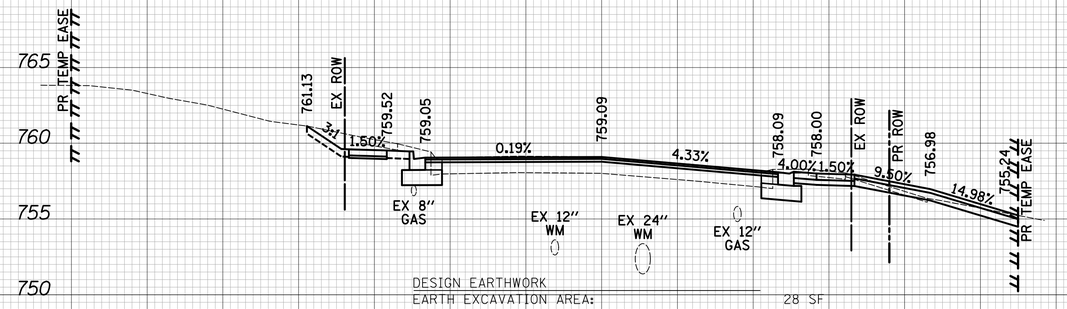
DESIGN EARTHWORK
EARTH EXCAVATION AREA: 25 SF
FURNISHED EXCAVATION AREA: 31 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL: 28 SF

434 + 50



DESIGN EARTHWORK
EARTH EXCAVATION AREA: 7 SF
FURNISHED EXCAVATION AREA: 3 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL: 6 SF

433 + 00



DESIGN EARTHWORK
EARTH EXCAVATION AREA: 28 SF
FURNISHED EXCAVATION AREA: 6 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL: 15 SF

434 + 00

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

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

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DESIGNED	JRR	REVISED	-
DRAWN	TGB	REVISED	-
CHECKED	JRV	REVISED	-
DATE	09/06/2018	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALES
VERT. 0 5 10
HORIZ. 0 10 20

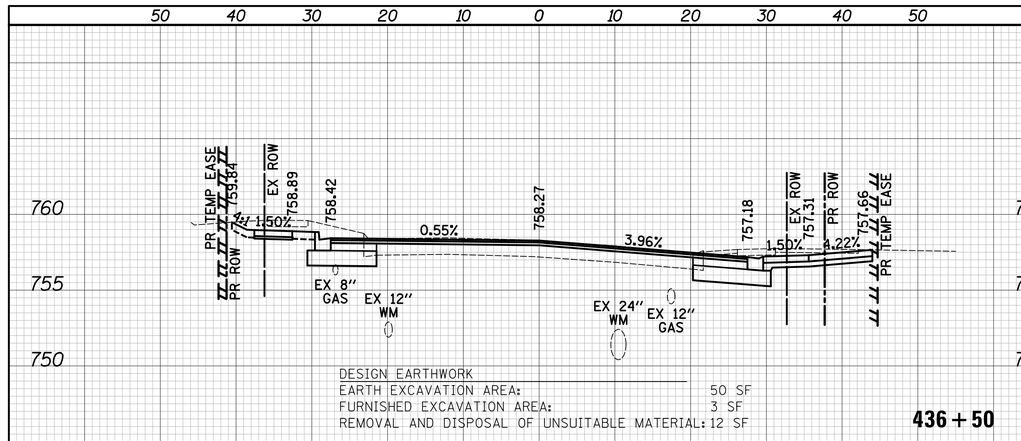
CROSS SECTIONS – 55TH STREET

SHEET NO. 2 OF 9 SHEETS | STA. 433+00 | TO STA. 435+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	11-00302-04-CH	DUPAGE	341	328

CONTRACT NO. 61E06

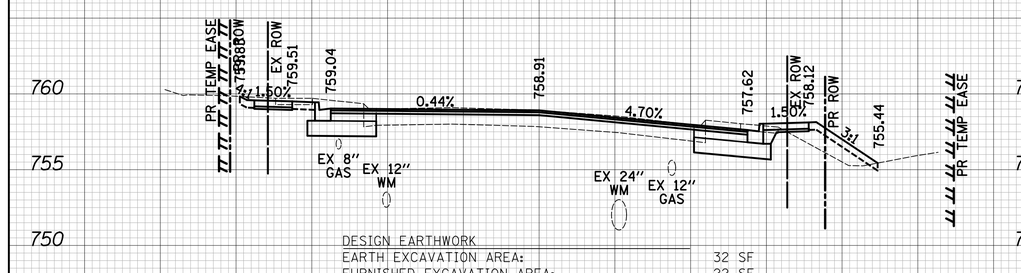
FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT



DESIGN EARTHWORK

EARTH EXCAVATION AREA:	50 SF
FURNISHED EXCAVATION AREA:	3 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL:	12 SF

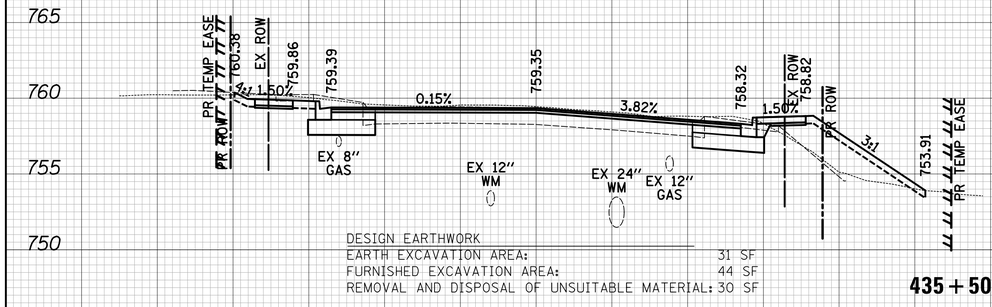
436 + 50



DESIGN EARTHWORK

EARTH EXCAVATION AREA:	32 SF
FURNISHED EXCAVATION AREA:	22 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL:	24 SF

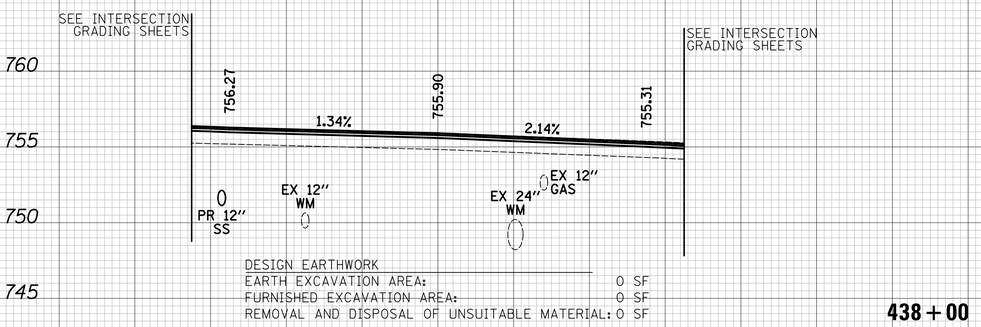
436 + 00



DESIGN EARTHWORK

EARTH EXCAVATION AREA:	31 SF
FURNISHED EXCAVATION AREA:	44 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL:	30 SF

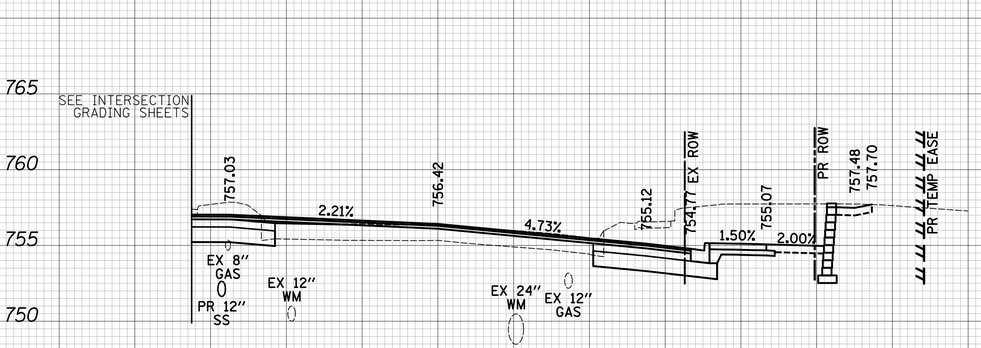
435 + 50



DESIGN EARTHWORK

EARTH EXCAVATION AREA:	0 SF
FURNISHED EXCAVATION AREA:	0 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL:	0 SF

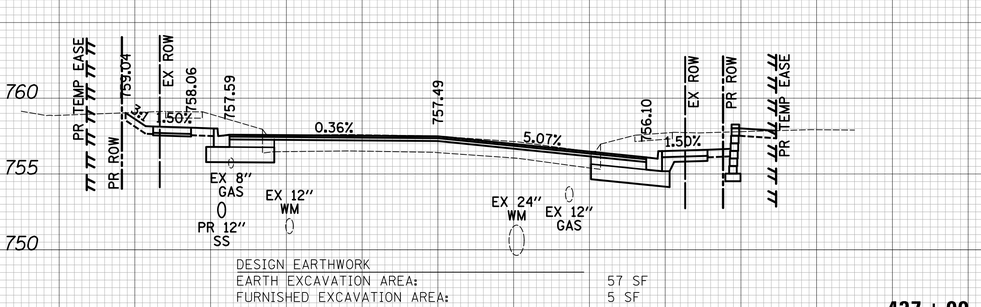
438 + 00



DESIGN EARTHWORK

EARTH EXCAVATION AREA:	89 SF
FURNISHED EXCAVATION AREA:	4 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL:	36 SF

437 + 50



DESIGN EARTHWORK

EARTH EXCAVATION AREA:	57 SF
FURNISHED EXCAVATION AREA:	5 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL:	20 SF

437 + 00

FINAL SURVEY	BY	DATE
NOTE BOOK		
NO.		

SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED

ORIGINAL SURVEY	BY	DATE
NOTE BOOK		
NO.		

SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED

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DESIGNED	- JRR	REVISED	-
DRAWN	- TGB	REVISED	-
CHECKED	- JRV	REVISED	-
DATE	- 09/06/2018	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALES
VERT. 0 5 10
HORIZ. 0 10 20

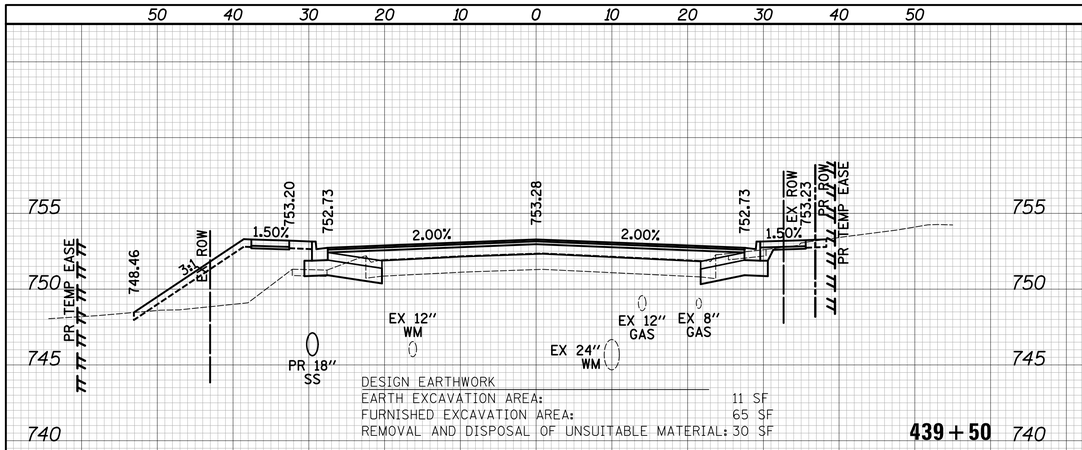
CROSS SECTIONS – 55TH STREET

SHEET NO. 3 OF 9 SHEETS | STA. 435+50 | TO STA. 438+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	11-00302-04-CH	DUPAGE	341	329

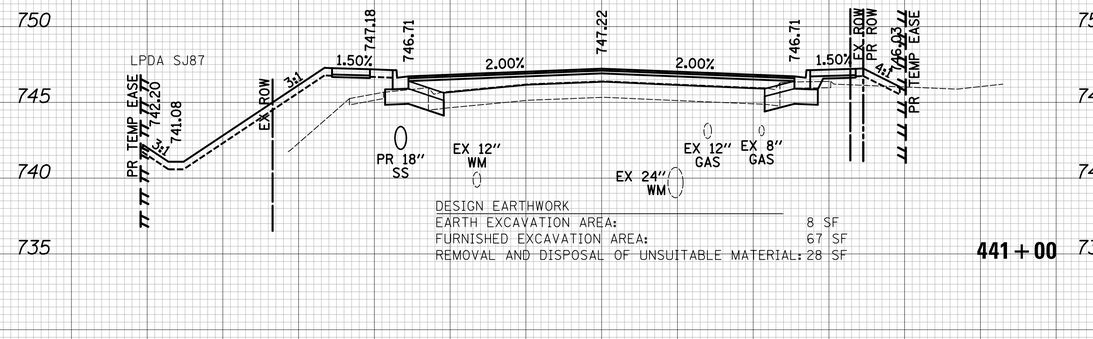
CONTRACT NO. 61E06

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT



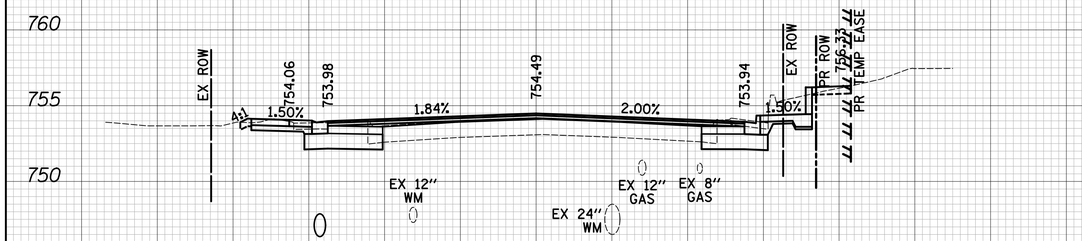
DESIGN EARTHWORK
EARTH EXCAVATION AREA: 11 SF
FURNISHED EXCAVATION AREA: 65 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL: 30 SF

439 + 50



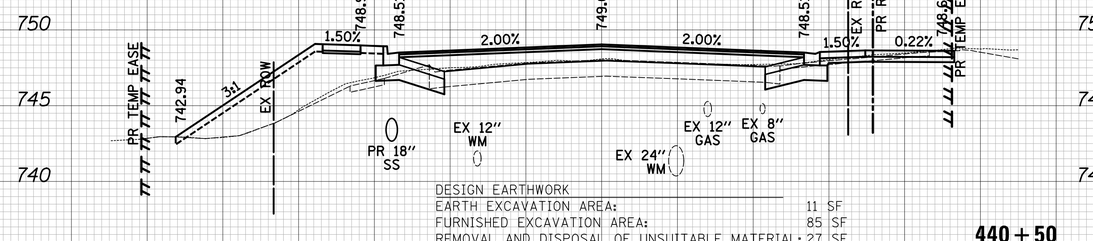
DESIGN EARTHWORK
EARTH EXCAVATION AREA: 8 SF
FURNISHED EXCAVATION AREA: 67 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL: 28 SF

441 + 00



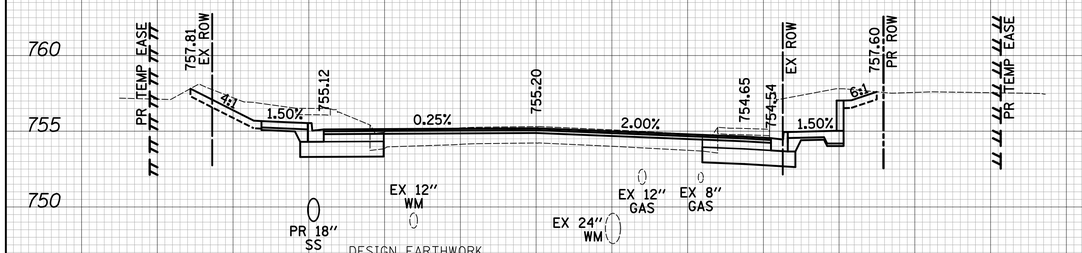
DESIGN EARTHWORK
EARTH EXCAVATION AREA: 33 SF
FURNISHED EXCAVATION AREA: 4 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL: 12 SF

439 + 00



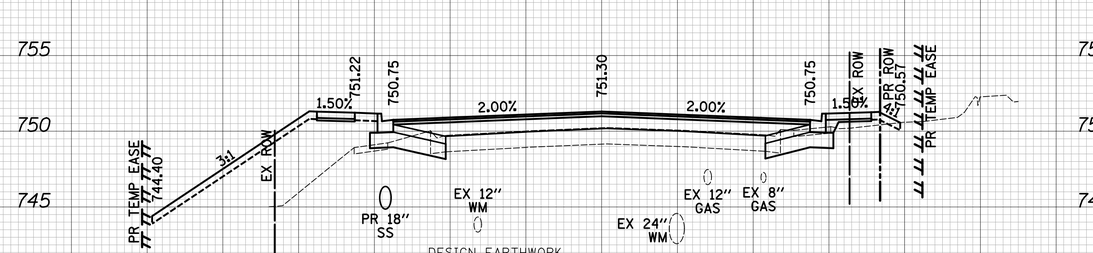
DESIGN EARTHWORK
EARTH EXCAVATION AREA: 11 SF
FURNISHED EXCAVATION AREA: 85 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL: 27 SF

440 + 50



DESIGN EARTHWORK
EARTH EXCAVATION AREA: 90 SF
FURNISHED EXCAVATION AREA: 3 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL: 16 SF

438 + 50



DESIGN EARTHWORK
EARTH EXCAVATION AREA: 8 SF
FURNISHED EXCAVATION AREA: 107 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL: 36 SF

440 + 00

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

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

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DRAWN	- TGB	REVISED	-
CHECKED	- JRV	REVISED	-
DATE	- 09/06/2018	REVISED	-

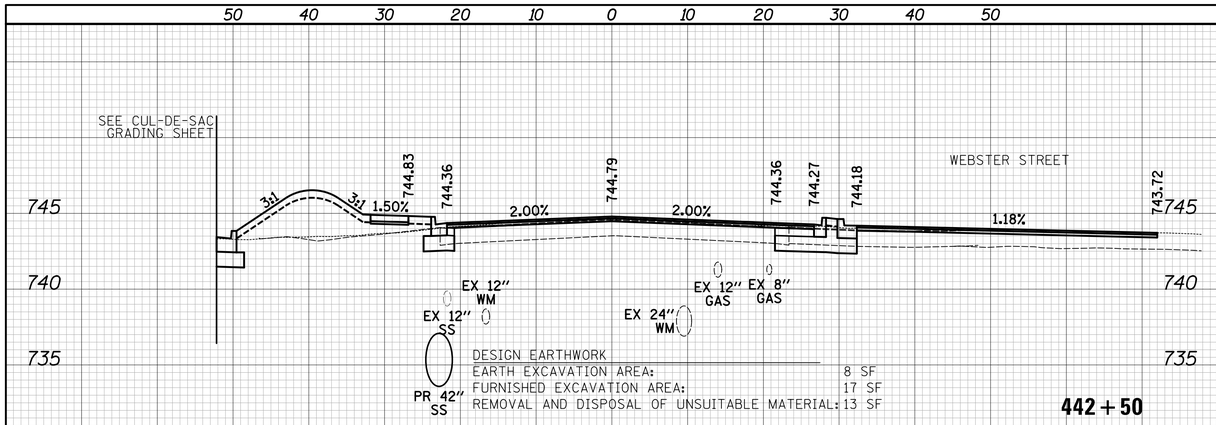
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALES
VERT. 0 5 10
HORIZ. 0 10 20

CROSS SECTIONS – 55TH STREET

SHEET NO. 4 OF 9 SHEETS | STA. 438+50 | TO STA. 441+00

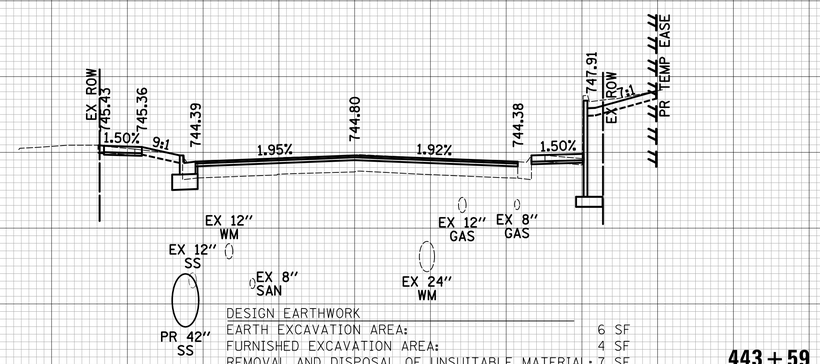
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	11-00302-04-CH	DUPAGE	341	330
		CONTRACT NO. 61E06		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



DESIGN EARTHWORK

EARTH EXCAVATION AREA:	8 SF
FURNISHED EXCAVATION AREA:	17 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL:	13 SF

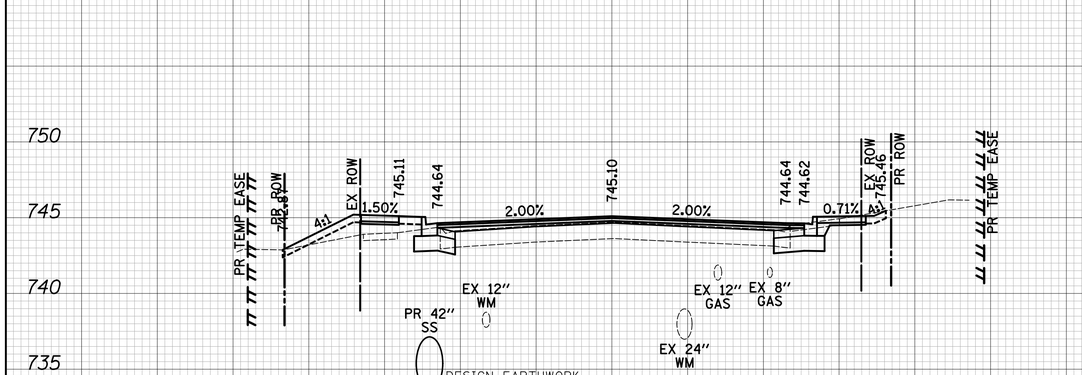
442 + 50



DESIGN EARTHWORK

EARTH EXCAVATION AREA:	6 SF
FURNISHED EXCAVATION AREA:	4 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL:	7 SF

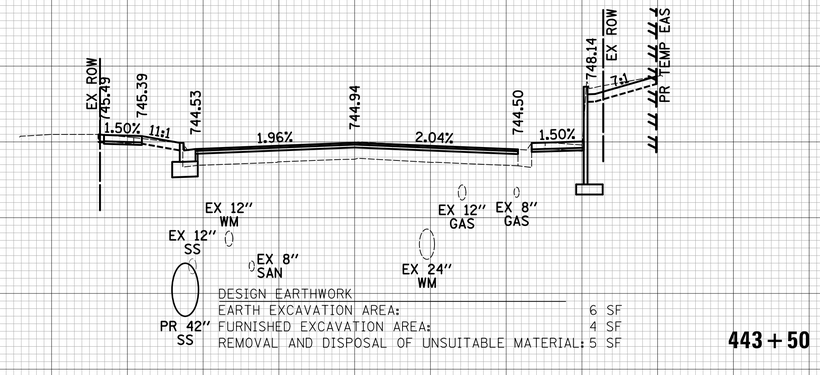
443 + 59



DESIGN EARTHWORK

EARTH EXCAVATION AREA:	12 SF
FURNISHED EXCAVATION AREA:	22 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL:	19 SF

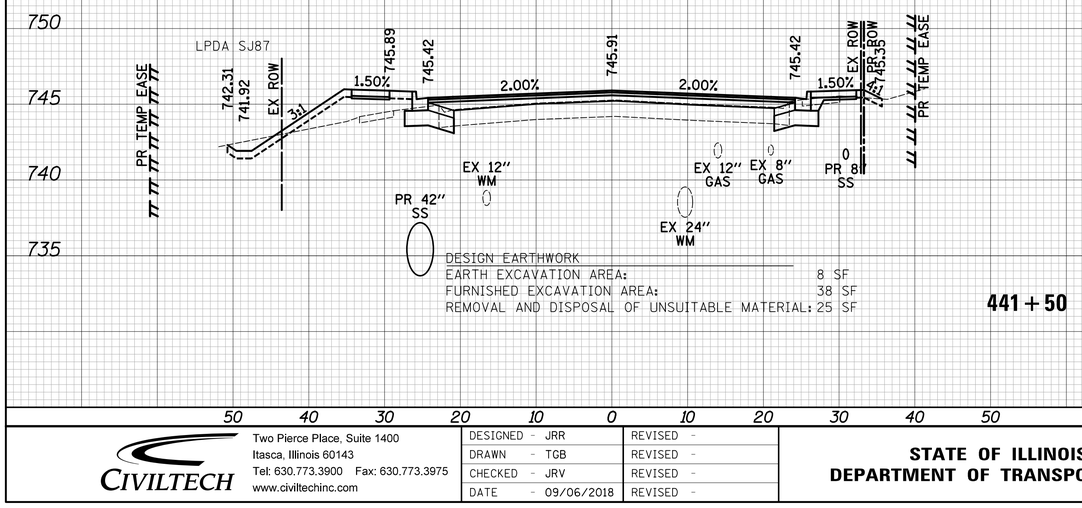
442 + 00



DESIGN EARTHWORK

EARTH EXCAVATION AREA:	6 SF
FURNISHED EXCAVATION AREA:	4 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL:	5 SF

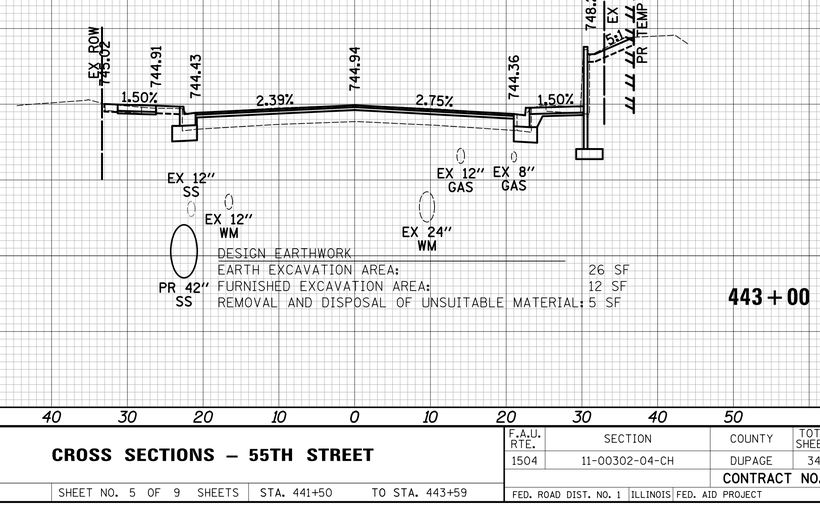
443 + 50



DESIGN EARTHWORK

EARTH EXCAVATION AREA:	8 SF
FURNISHED EXCAVATION AREA:	38 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL:	25 SF

441 + 50



DESIGN EARTHWORK

EARTH EXCAVATION AREA:	26 SF
FURNISHED EXCAVATION AREA:	12 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL:	5 SF

443 + 00

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

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

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DRAWN	- TGB	REVISED	-
CHECKED	- JRV	REVISED	-
DATE	- 09/06/2018	REVISED	-

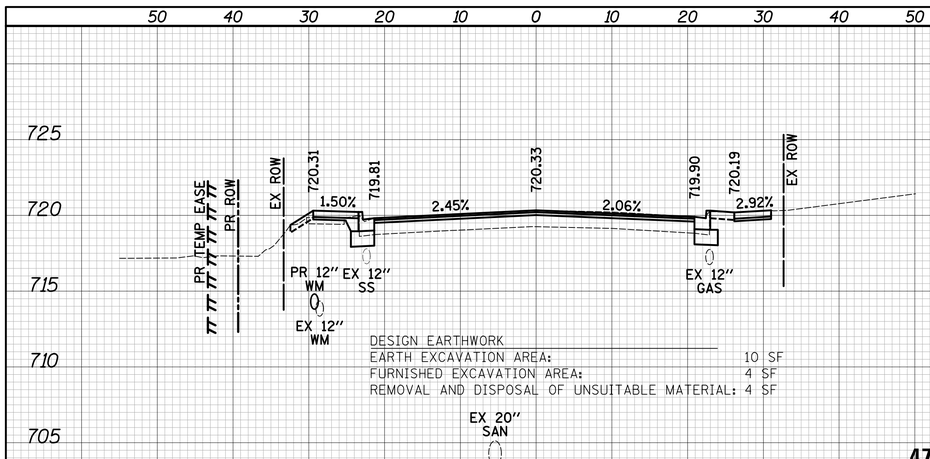
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALES
VERT. 0 5 10
HORIZ. 0 10 20

CROSS SECTIONS – 55TH STREET

SHEET NO. 5 OF 9 SHEETS | STA. 441+50 | TO STA. 443+59

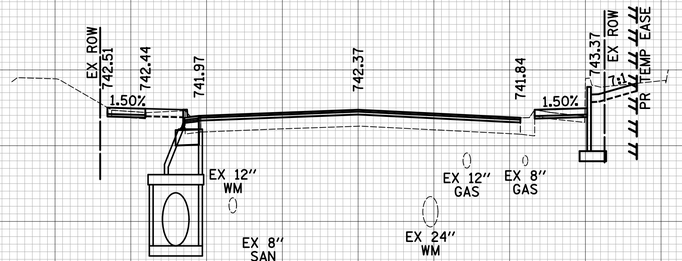
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	11-00302-04-CH	DUPAGE	341	331
		CONTRACT NO. 61E06		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



DESIGN EARTHWORK

EARTH EXCAVATION AREA:	10 SF
FURNISHED EXCAVATION AREA:	4 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL:	4 SF

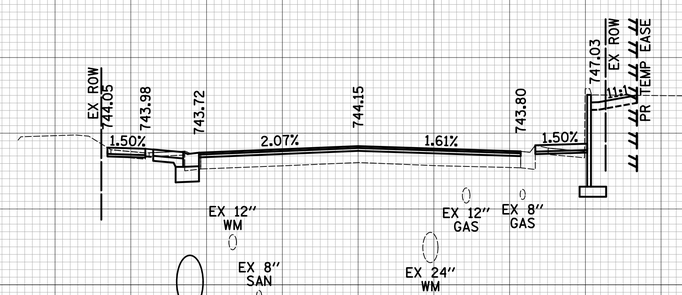
473 + 49
AHEAD ONLY



DESIGN EARTHWORK

EARTH EXCAVATION AREA:	5 SF
FURNISHED EXCAVATION AREA:	5 SF

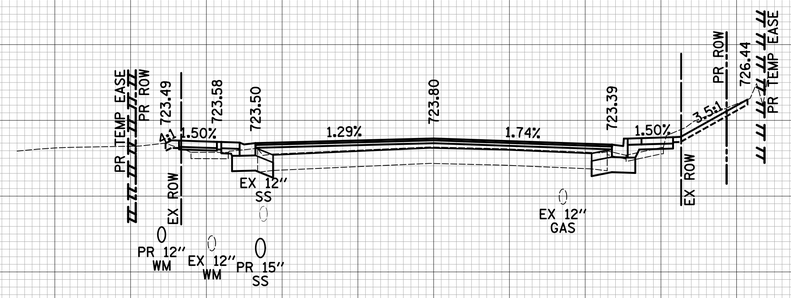
444 + 50



DESIGN EARTHWORK

EARTH EXCAVATION AREA:	6 SF
FURNISHED EXCAVATION AREA:	2 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL:	2 SF

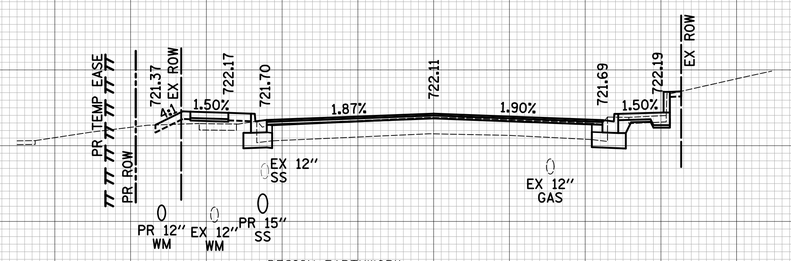
444 + 00



DESIGN EARTHWORK

EARTH EXCAVATION AREA:	8 SF
FURNISHED EXCAVATION AREA:	9 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL:	9 SF

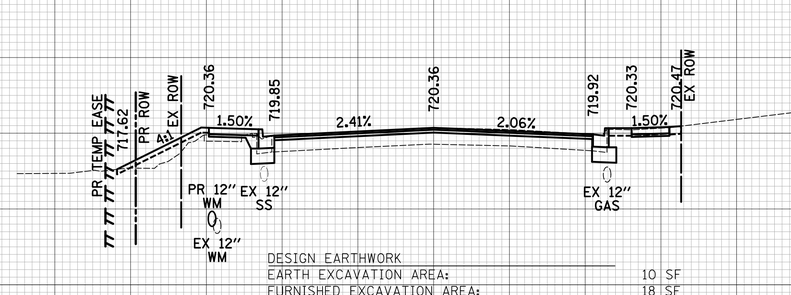
474 + 50



DESIGN EARTHWORK

EARTH EXCAVATION AREA:	8 SF
FURNISHED EXCAVATION AREA:	11 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL:	9 SF

474 + 00



DESIGN EARTHWORK

EARTH EXCAVATION AREA:	10 SF
FURNISHED EXCAVATION AREA:	18 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL:	14 SF

473 + 50

FINAL SURVEY	NOTE BOOK	NO.
	SURVEYED	
	PLOTTED	
	TEMPLATE	
	AREAS	
	AREAS CHECKED	

ORIGINAL SURVEY	NOTE BOOK	NO.
	SURVEYED	
	PLOTTED	
	TEMPLATE	
	AREAS	
	AREAS CHECKED	

BY	DATE

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DRAWN	TGB	REVISED	-
CHECKED	JRV	REVISED	-
DATE	09/06/2018	REVISED	-

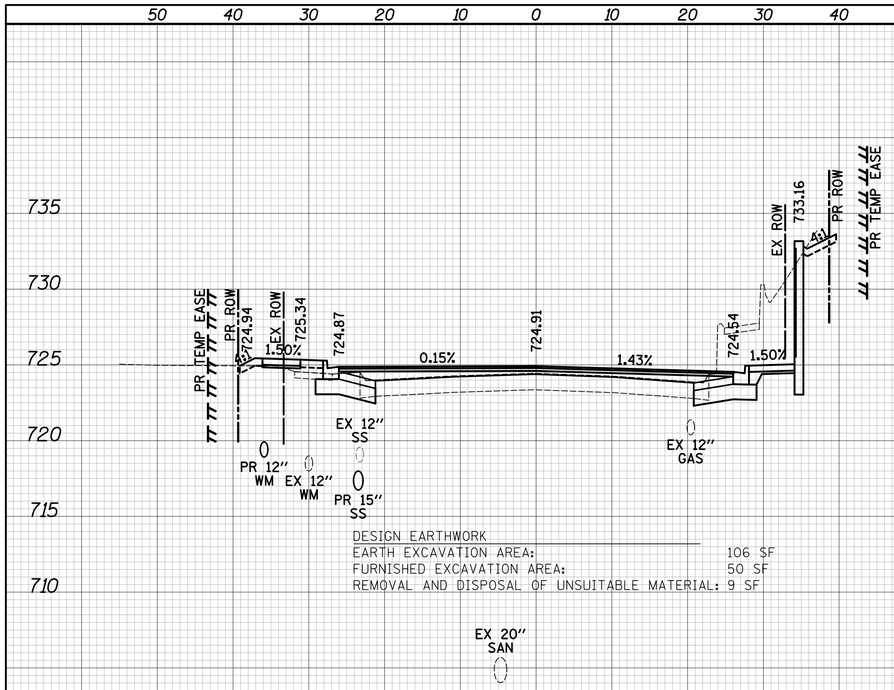
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALES
VERT. 0 5 10
HORIZ. 0 10 20

CROSS SECTIONS – 55TH STREET

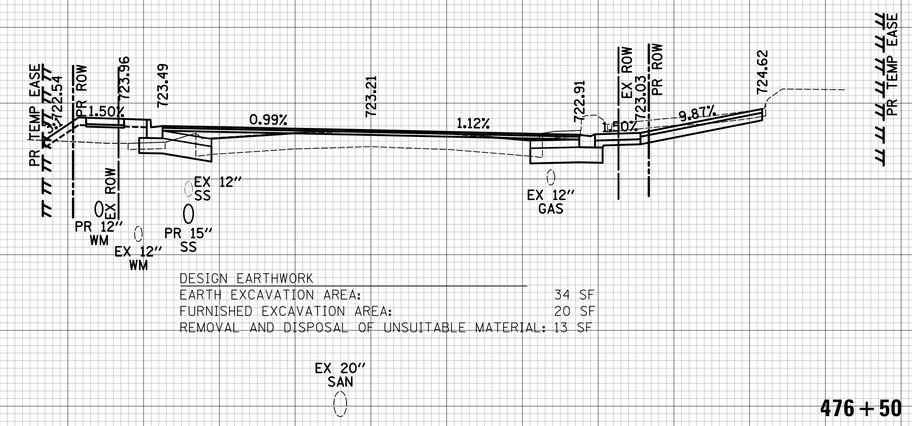
SHEET NO. 6 OF 9 SHEETS | STA. 444+00 | TO STA. 474+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	11-00302-04-CH	DUPAGE	341	332
		CONTRACT NO. 61E06		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



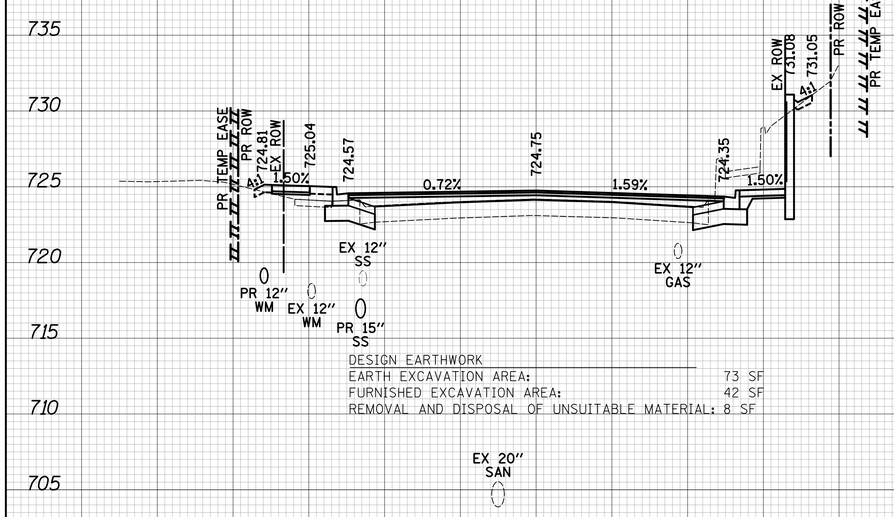
DESIGN EARTHWORK

EARTH EXCAVATION AREA:	106 SF
FURNISHED EXCAVATION AREA:	50 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL:	9 SF



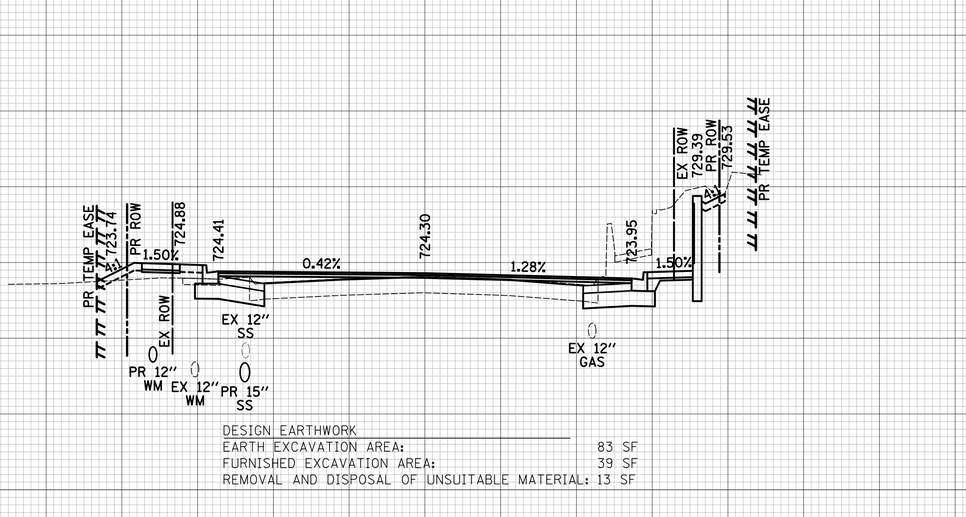
DESIGN EARTHWORK

EARTH EXCAVATION AREA:	34 SF
FURNISHED EXCAVATION AREA:	20 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL:	13 SF



DESIGN EARTHWORK

EARTH EXCAVATION AREA:	73 SF
FURNISHED EXCAVATION AREA:	42 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL:	8 SF



DESIGN EARTHWORK

EARTH EXCAVATION AREA:	83 SF
FURNISHED EXCAVATION AREA:	39 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL:	13 SF

FINAL SURVEY / ORIGINAL SURVEY

	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		
NOTE BOOK		
NO.		

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DRAWN	TGB	REVISED -
CHECKED	JRV	REVISED -
DATE	09/06/2018	REVISED -

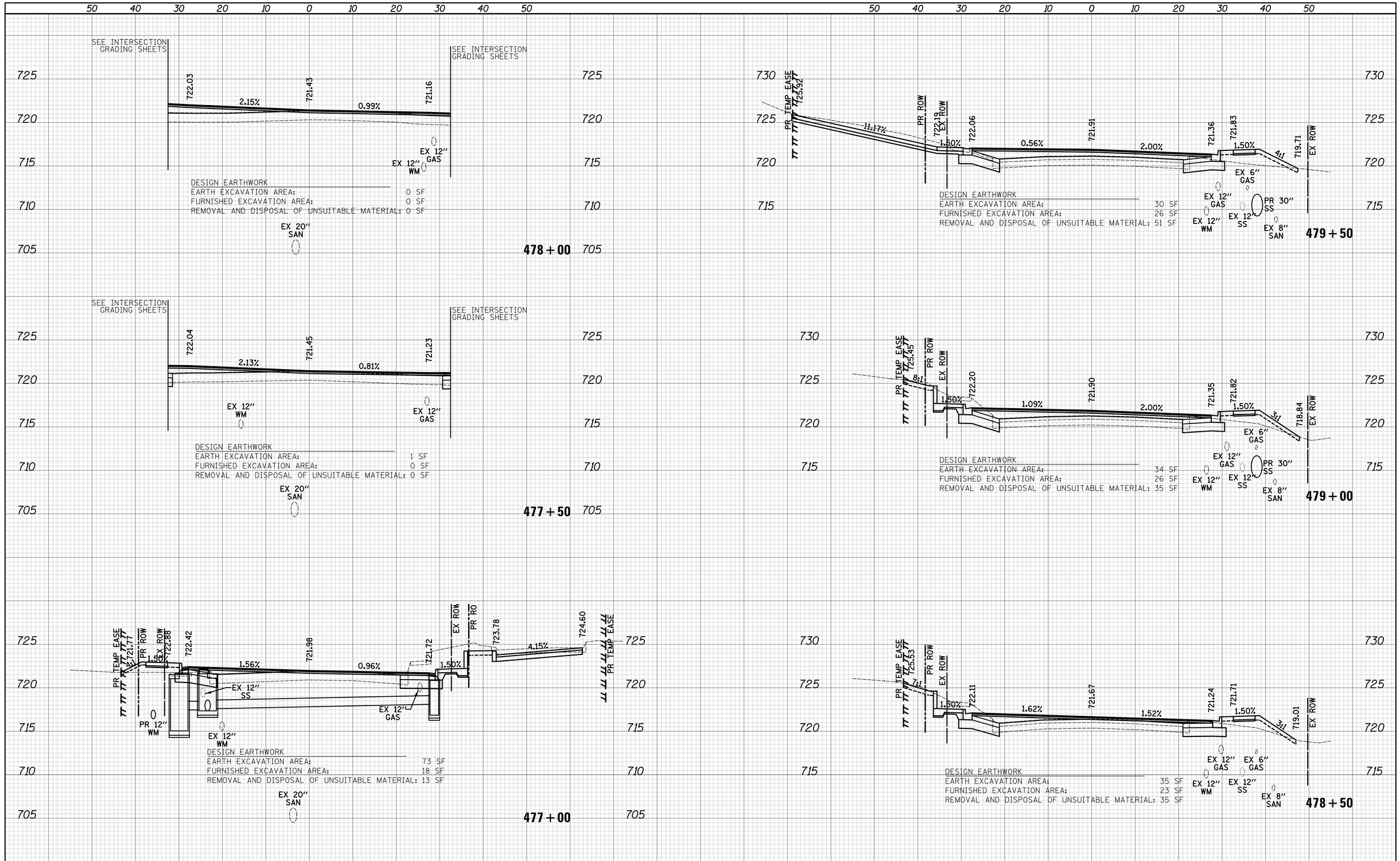
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALES
VERT. 0 5 10
HORIZ. 0 10 20

CROSS SECTIONS – 55TH STREET

SHEET NO. 7 OF 9 SHEETS | STA. 475+00 | TO STA. 476+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	11-00302-04-CH	DUPAGE	341	333
		CONTRACT NO. 61E06		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



DESIGNED - JRR	REVISED -	**STATE OF ILLINOIS**	SCALES VERT. 0 5 10 HORIZ. 0 10 20
DRAWN - TGB	REVISED -	**DEPARTMENT OF TRANSPORTATION**	
CHECKED - JRV	REVISED -		
DATE - 09/06/2018	REVISED -		

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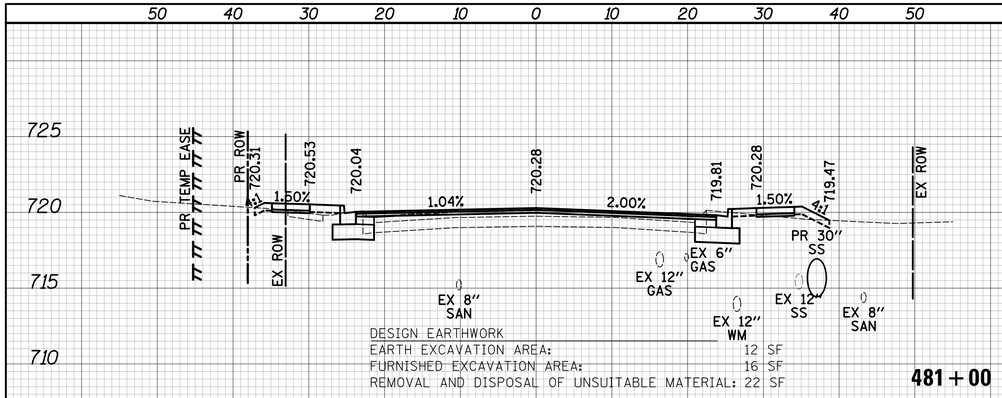
CROSS SECTIONS – 55TH STREET

SHEET NO. 8 OF 9 SHEETS | STA. 477+00 TO STA. 479+50

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	11-00302-04-CH	DUPAGE	341	334
		CONTRACT NO. 61E06		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

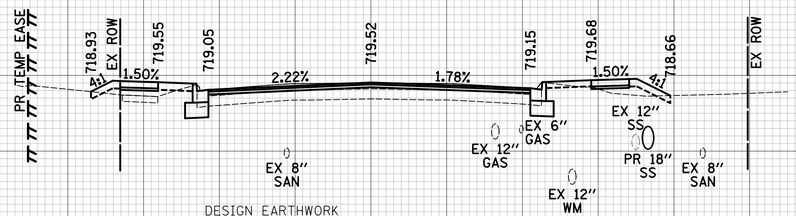
FINAL SURVEY — NOTE BOOK — NO. — BY — DATE — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED

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



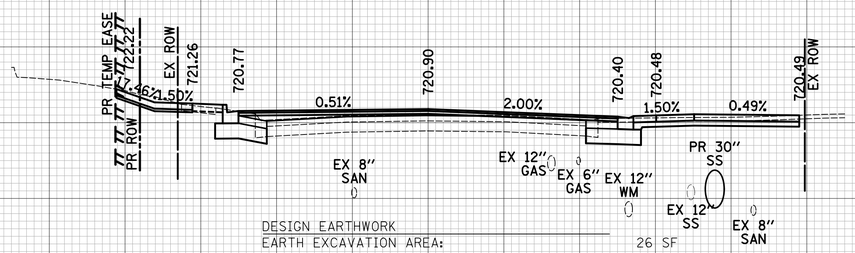
DESIGN EARTHWORK
EARTH EXCAVATION AREA: 12 SF
FURNISHED EXCAVATION AREA: 16 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL: 22 SF

481+00



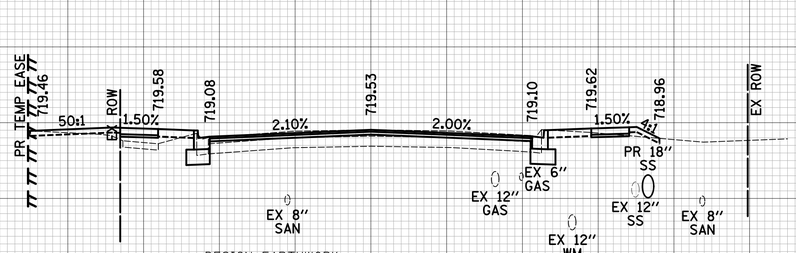
DESIGN EARTHWORK
EARTH EXCAVATION AREA: 8 SF
FURNISHED EXCAVATION AREA: 27 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL: 22 SF

482+11
BACK ONLY



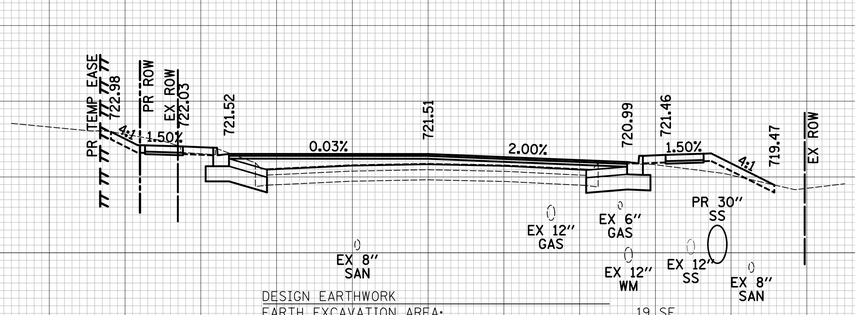
DESIGN EARTHWORK
EARTH EXCAVATION AREA: 26 SF
FURNISHED EXCAVATION AREA: 3 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL: 11 SF

480+50



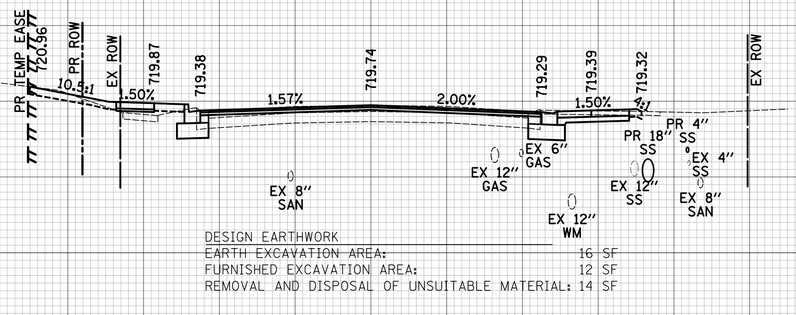
DESIGN EARTHWORK
EARTH EXCAVATION AREA: 8 SF
FURNISHED EXCAVATION AREA: 27 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL: 27 SF

482+00



DESIGN EARTHWORK
EARTH EXCAVATION AREA: 19 SF
FURNISHED EXCAVATION AREA: 20 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL: 31 SF

480+00



DESIGN EARTHWORK
EARTH EXCAVATION AREA: 16 SF
FURNISHED EXCAVATION AREA: 12 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL: 14 SF

481+50

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

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

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DATE - 09/06/2018	REVISED -	

STATE OF ILLINOIS
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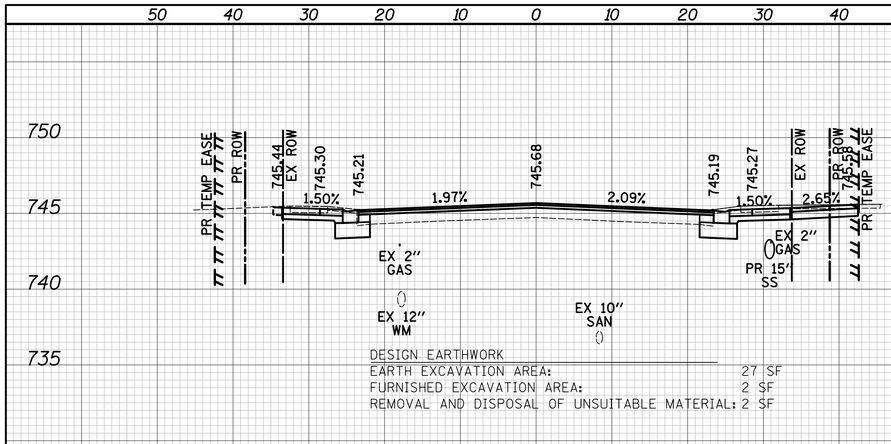
HORIZ. 0 10 20

CROSS SECTIONS – 55TH STREET

SHEET NO. 9 OF 9 SHEETS | STA. 480+00 | TO STA. 482+11

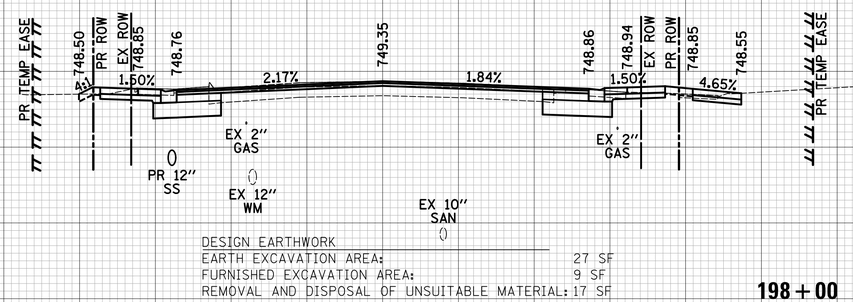
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	11-00302-04-CH	DUPAGE	341	335
		CONTRACT NO. 61E06		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



DESIGN EARTHWORK

EARTH EXCAVATION AREA:	27 SF
FURNISHED EXCAVATION AREA:	2 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL:	2 SF

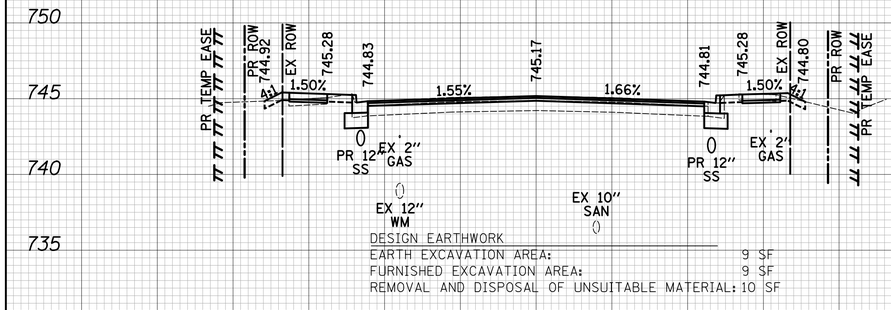
196 + 50



DESIGN EARTHWORK

EARTH EXCAVATION AREA:	27 SF
FURNISHED EXCAVATION AREA:	9 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL:	17 SF

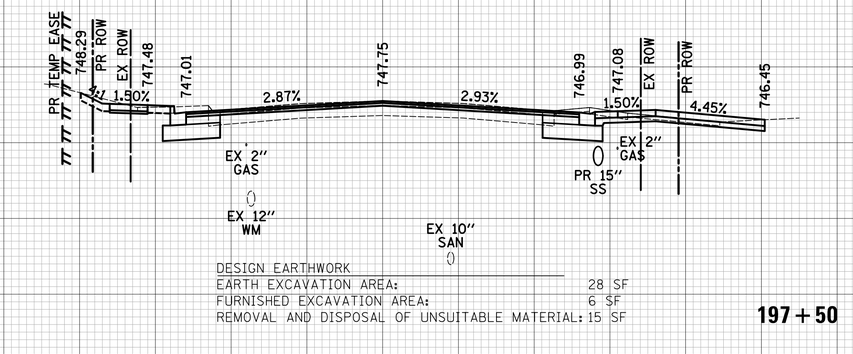
198 + 00



DESIGN EARTHWORK

EARTH EXCAVATION AREA:	9 SF
FURNISHED EXCAVATION AREA:	9 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL:	10 SF

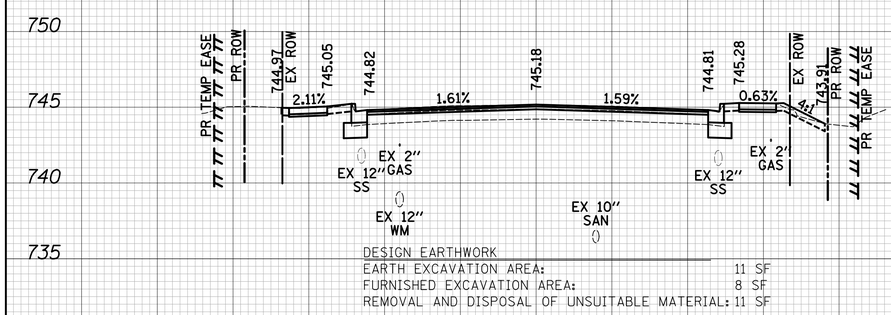
196 + 00



DESIGN EARTHWORK

EARTH EXCAVATION AREA:	28 SF
FURNISHED EXCAVATION AREA:	6 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL:	15 SF

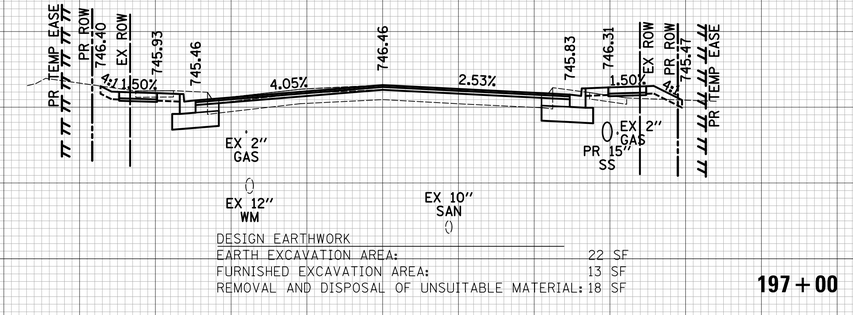
197 + 50



DESIGN EARTHWORK

EARTH EXCAVATION AREA:	11 SF
FURNISHED EXCAVATION AREA:	8 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL:	11 SF

195 + 92



DESIGN EARTHWORK

EARTH EXCAVATION AREA:	22 SF
FURNISHED EXCAVATION AREA:	13 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL:	18 SF

197 + 00

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

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

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DESIGNED	- JRR	REVISED	-
DRAWN	- TGB	REVISED	-
CHECKED	- JRV	REVISED	-
DATE	- 09/06/2018	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALES
VERT. 0 5 10
HORIZ. 0 10 20

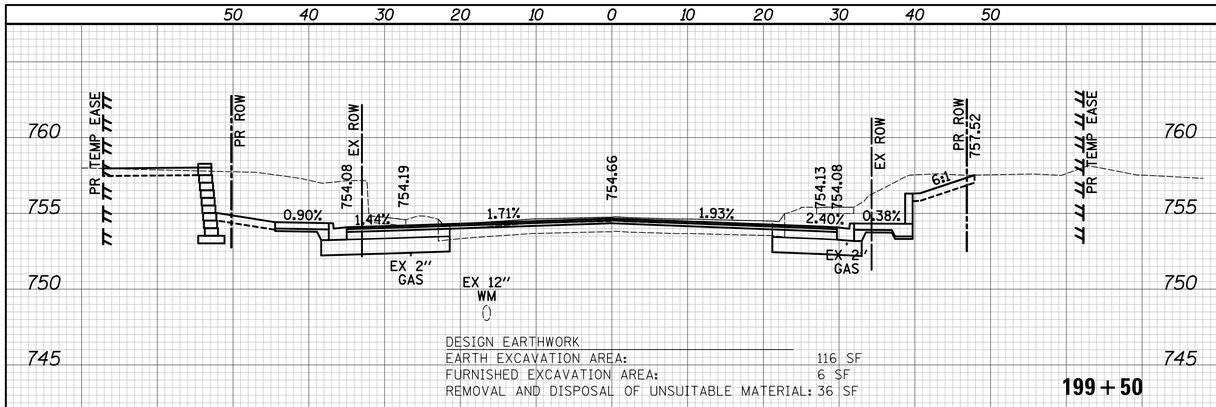
CROSS SECTIONS – MAIN STREET

SHEET NO. 1 OF 3 SHEETS | STA. 195+92 | TO STA. 198+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	11-00302-04-CH	DUPAGE	341	336

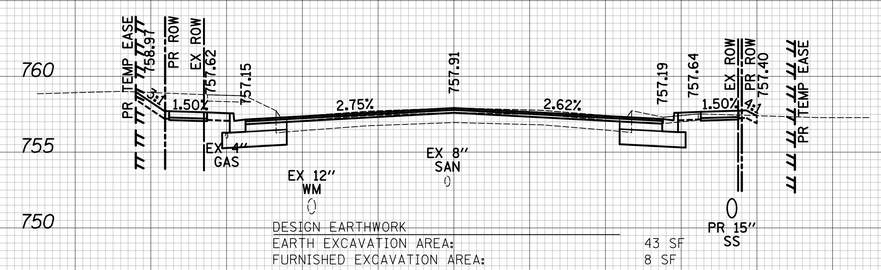
CONTRACT NO. 61E06

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT



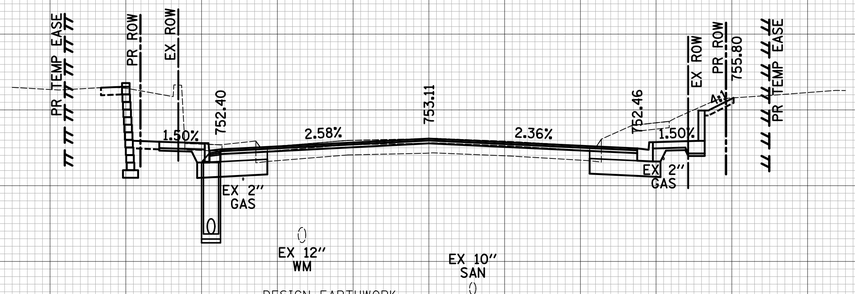
DESIGN EARTHWORK
EARTH EXCAVATION AREA: 116 SF
FURNISHED EXCAVATION AREA: 6 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL: 36 SF

199 + 50



DESIGN EARTHWORK
EARTH EXCAVATION AREA: 43 SF
FURNISHED EXCAVATION AREA: 8 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL: 23 SF

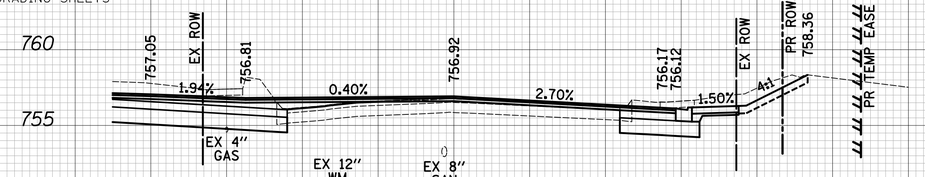
201 + 00



DESIGN EARTHWORK
EARTH EXCAVATION AREA: 75 SF
FURNISHED EXCAVATION AREA: 7 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL: 29 SF

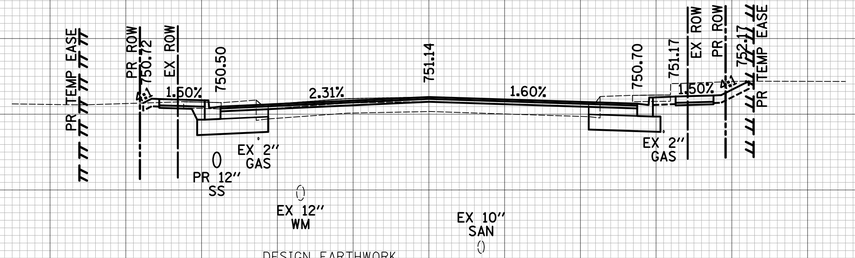
199 + 00

SEE INTERSECTION GRADING SHEETS



DESIGN EARTHWORK
EARTH EXCAVATION AREA: 66 SF
FURNISHED EXCAVATION AREA: 1 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL: 30 SF

200 + 50

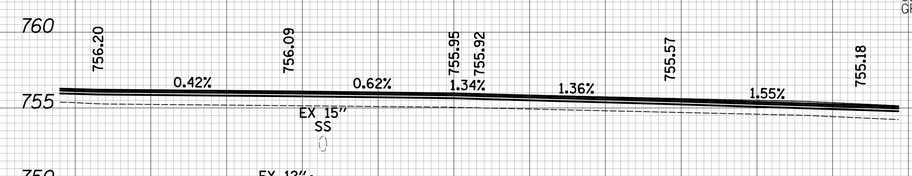


DESIGN EARTHWORK
EARTH EXCAVATION AREA: 36 SF
FURNISHED EXCAVATION AREA: 8 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL: 22 SF

198 + 50

SEE INTERSECTION GRADING SHEETS

SEE INTERSECTION GRADING SHEETS



DESIGN EARTHWORK
EARTH EXCAVATION AREA: 0 SF
FURNISHED EXCAVATION AREA: 0 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL: 0 SF

200 + 00

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

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CHECKED	- JRV	REVISED	-
DATE	- 09/06/2018	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALES
VERT. 0 5 10
HORIZ. 0 10 20

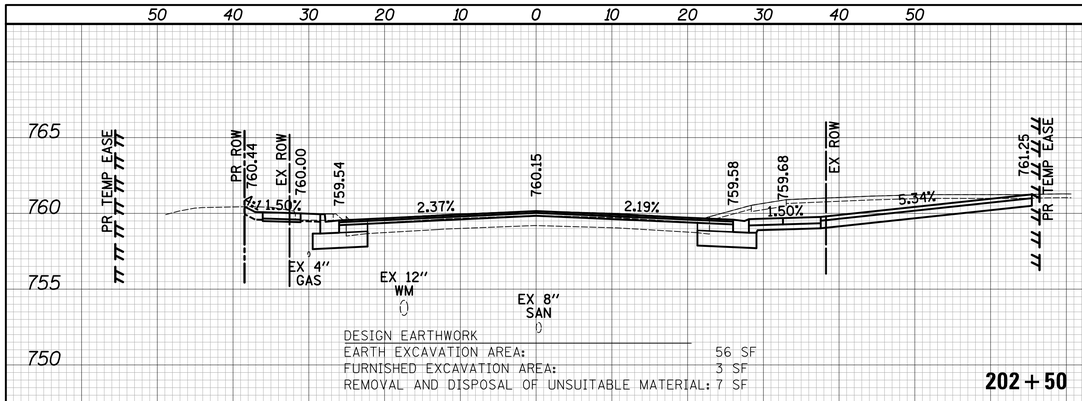
CROSS SECTIONS – MAIN STREET

SHEET NO. 2 OF 3 SHEETS | STA. 198+50 | TO STA. 201+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	11-00302-04-CH	DUPAGE	341	337

CONTRACT NO. 61E06

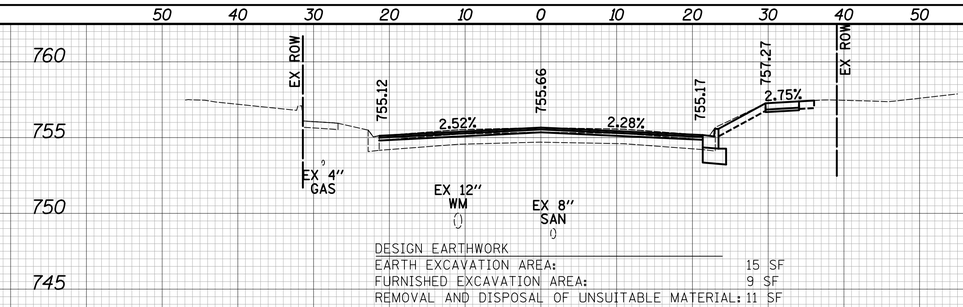
FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT



DESIGN EARTHWORK

EARTH EXCAVATION AREA:	56 SF
FURNISHED EXCAVATION AREA:	3 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL:	7 SF

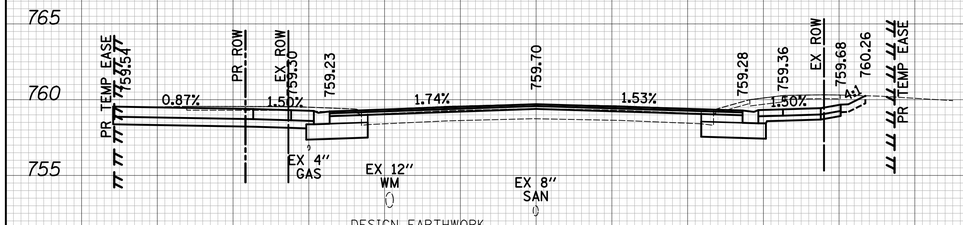
202 + 50



DESIGN EARTHWORK

EARTH EXCAVATION AREA:	15 SF
FURNISHED EXCAVATION AREA:	9 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL:	11 SF

204 + 50

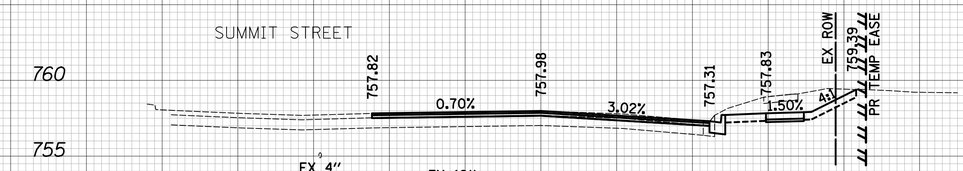


DESIGN EARTHWORK

EARTH EXCAVATION AREA:	64 SF
FURNISHED EXCAVATION AREA:	1 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL:	11 SF

202 + 00

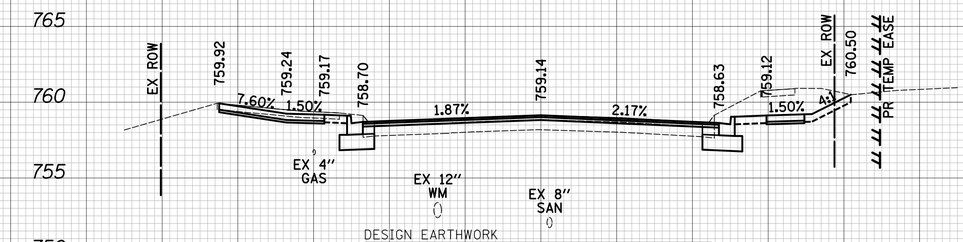
SUMMIT STREET



DESIGN EARTHWORK

EARTH EXCAVATION AREA:	14 SF
FURNISHED EXCAVATION AREA:	1 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL:	12 SF

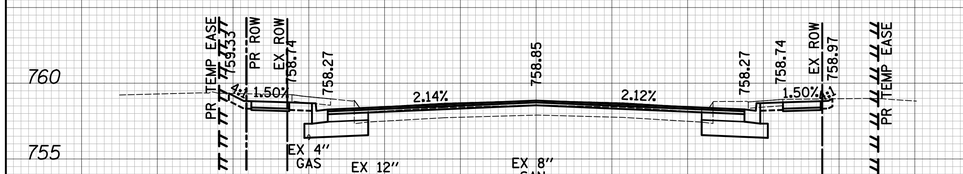
204 + 00



DESIGN EARTHWORK

EARTH EXCAVATION AREA:	43 SF
FURNISHED EXCAVATION AREA:	5 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL:	14 SF

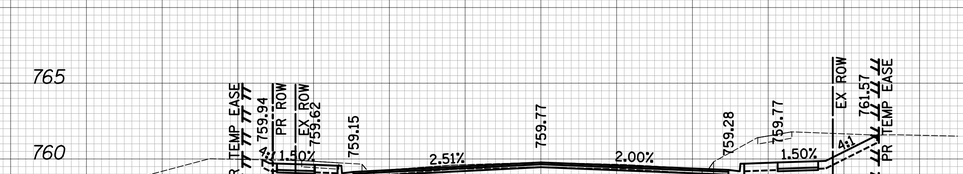
203 + 50



DESIGN EARTHWORK

EARTH EXCAVATION AREA:	10 SF
FURNISHED EXCAVATION AREA:	2 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL:	19 SF

201 + 50



DESIGN EARTHWORK

EARTH EXCAVATION AREA:	46 SF
FURNISHED EXCAVATION AREA:	6 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL:	20 SF

203 + 00

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

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DATE	- 09/06/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

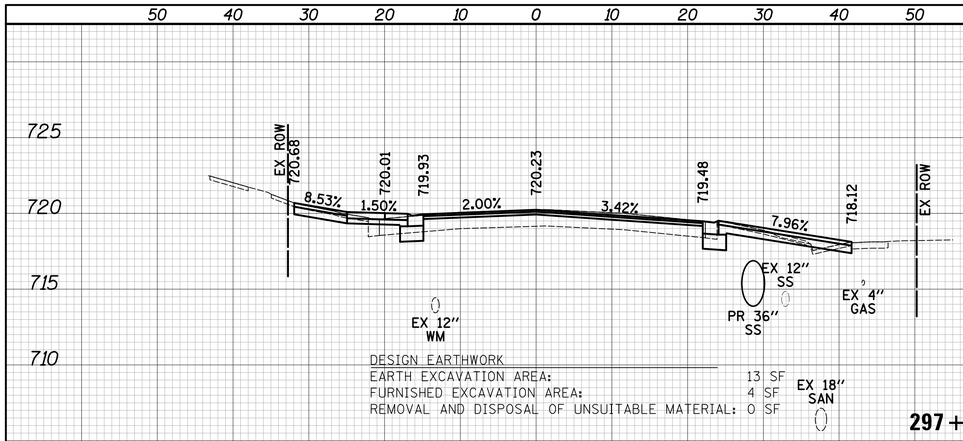
SCALES
VERT. 0 5 10
HORIZ. 0 10 20

CROSS SECTIONS – MAIN STREET

SHEET NO. 3 OF 3 SHEETS | STA. 201+50 | TO STA. 204+50

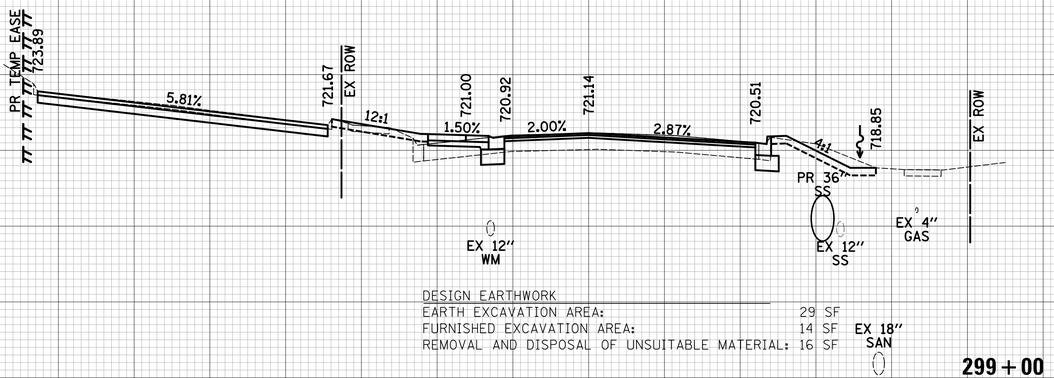
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	11-00302-04-CH	DUPAGE	341	338
		CONTRACT NO. 61E06		

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT



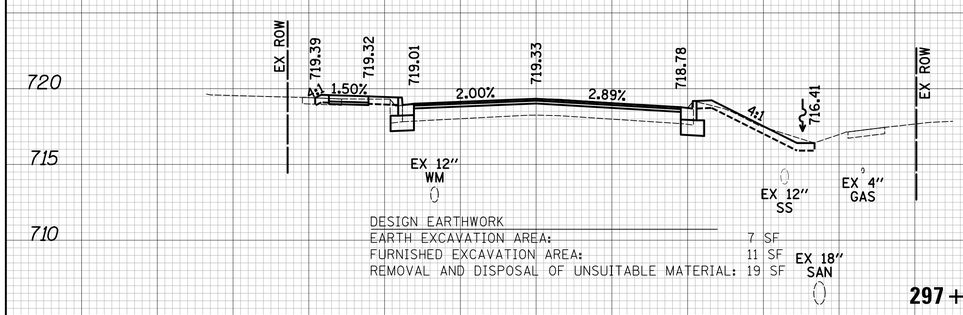
DESIGN EARTHWORK
EARTH EXCAVATION AREA: 13 SF
FURNISHED EXCAVATION AREA: 4 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL: 0 SF

297 + 50



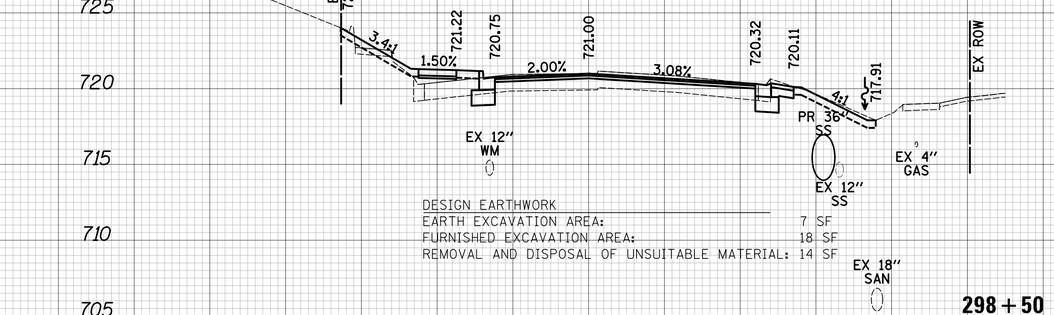
DESIGN EARTHWORK
EARTH EXCAVATION AREA: 29 SF
FURNISHED EXCAVATION AREA: 14 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL: 16 SF

299 + 00



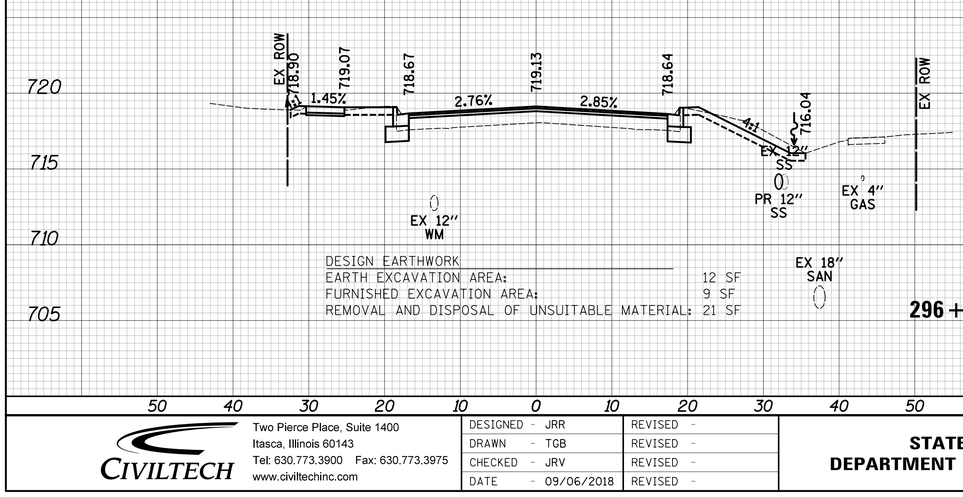
DESIGN EARTHWORK
EARTH EXCAVATION AREA: 7 SF
FURNISHED EXCAVATION AREA: 11 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL: 19 SF

297 + 00



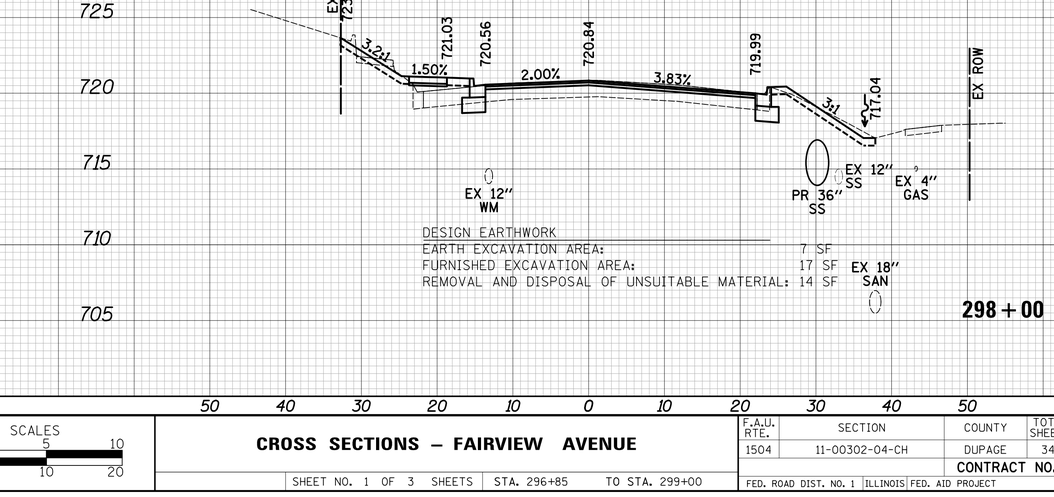
DESIGN EARTHWORK
EARTH EXCAVATION AREA: 7 SF
FURNISHED EXCAVATION AREA: 18 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL: 14 SF

298 + 50



DESIGN EARTHWORK
EARTH EXCAVATION AREA: 12 SF
FURNISHED EXCAVATION AREA: 9 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL: 21 SF

296 + 85



DESIGN EARTHWORK
EARTH EXCAVATION AREA: 7 SF
FURNISHED EXCAVATION AREA: 17 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL: 14 SF

298 + 00

FINAL SURVEY	ORIGINAL SURVEY	BY	DATE
NOTE BOOK	NOTE BOOK		
AREAS	AREAS		
AREAS CHECKED	AREAS CHECKED		
NO.	NO.		

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DRAWN	TGB	REVISED	-
CHECKED	JRV	REVISED	-
DATE	09/06/2018	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALES
VERT. 0 5 10
HORIZ. 0 10 20

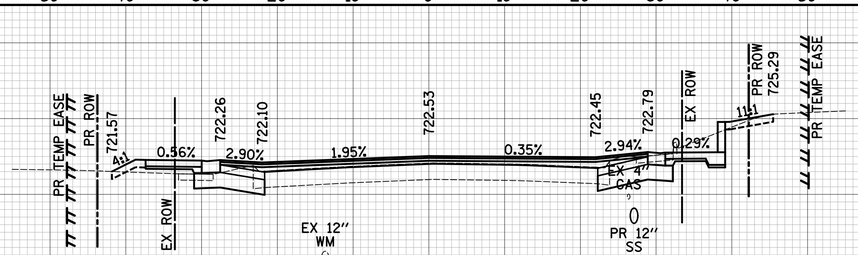
CROSS SECTIONS – FAIRVIEW AVENUE

SHEET NO. 1 OF 3 SHEETS | STA. 296+85 | TO STA. 299+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	11-00302-04-CH	DUPAGE	341	339

CONTRACT NO. 61E06

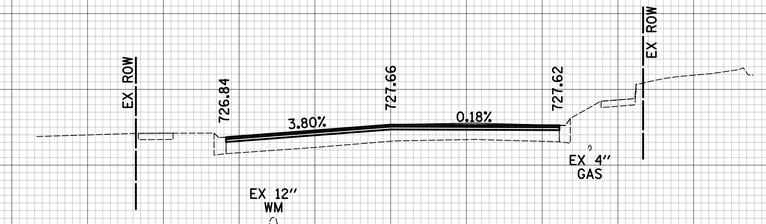
FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT



DESIGN EARTHWORK

EARTH EXCAVATION AREA:	22 SF
FURNISHED EXCAVATION AREA:	11 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL:	25 SF

300 + 50



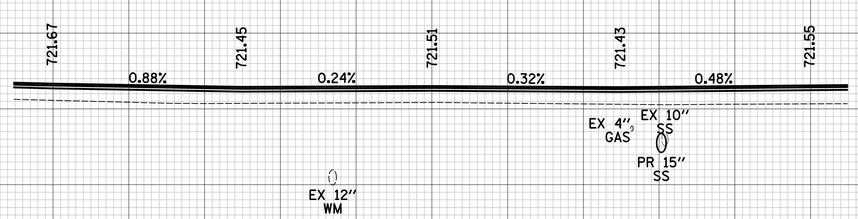
DESIGN EARTHWORK

EARTH EXCAVATION AREA:	0 SF
FURNISHED EXCAVATION AREA:	0 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL:	0 SF

302 + 00

SEE INTERSECTION GRADING SHEETS

SEE INTERSECTION GRADING SHEETS

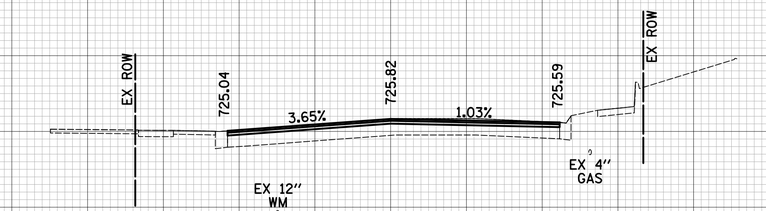


DESIGN EARTHWORK

EARTH EXCAVATION AREA:	0 SF
FURNISHED EXCAVATION AREA:	0 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL:	0 SF

EX 20" SAN

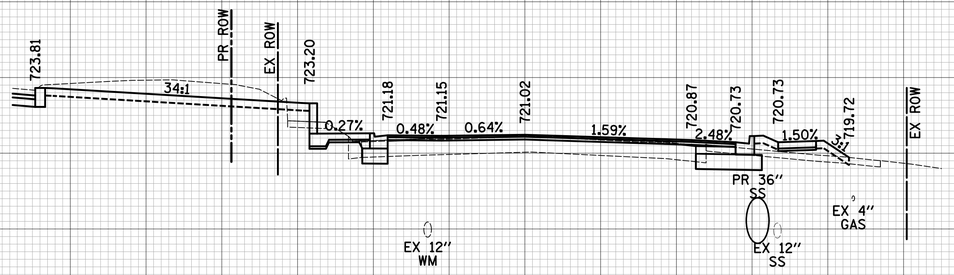
300 + 00



DESIGN EARTHWORK

EARTH EXCAVATION AREA:	0 SF
FURNISHED EXCAVATION AREA:	0 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL:	0 SF

301 + 50

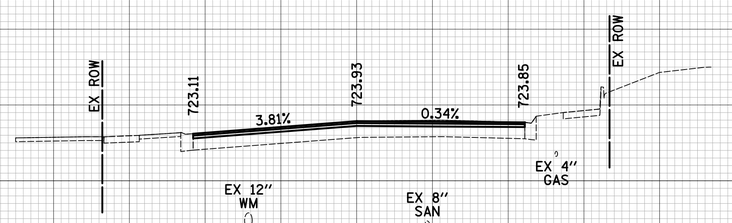


DESIGN EARTHWORK

EARTH EXCAVATION AREA:	36 SF
FURNISHED EXCAVATION AREA:	13 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL:	34 SF

EX 18" SAN

299 + 50



DESIGN EARTHWORK

EARTH EXCAVATION AREA:	0 SF
FURNISHED EXCAVATION AREA:	0 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL:	0 SF

301 + 00

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

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALES
VERT. 0 5 10
HORIZ. 0 10 20

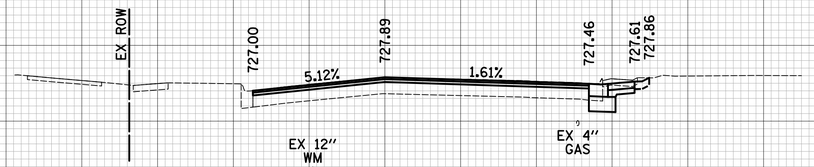
CROSS SECTIONS – FAIRVIEW AVENUE

SHEET NO. 2 OF 3 SHEETS | STA. 299+50 | TO STA. 302+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	11-00302-04-CH	DUPAGE	341	340

CONTRACT NO. 61E06

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT

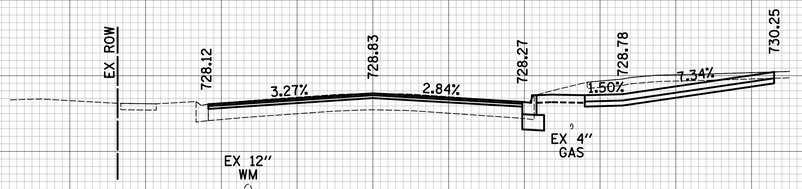


DESIGN EARTHWORK

EARTH EXCAVATION AREA:	6 SF
FURNISHED EXCAVATION AREA:	1 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL:	1 SF

EX 20" SAN
EX 42" SS

303 + 50

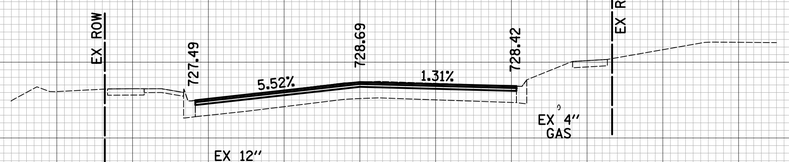


DESIGN EARTHWORK

EARTH EXCAVATION AREA:	30 SF
FURNISHED EXCAVATION AREA:	3 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL:	6 SF

EX 8" SAN

303 + 00

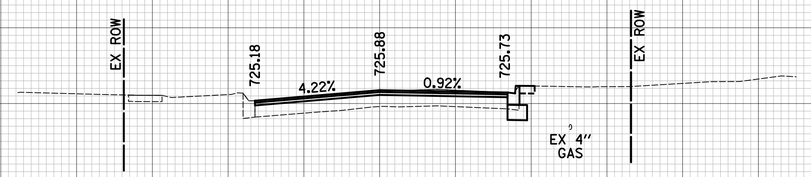


DESIGN EARTHWORK

EARTH EXCAVATION AREA:	0 SF
FURNISHED EXCAVATION AREA:	0 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL:	0 SF

EX 8" SAN

302 + 50



DESIGN EARTHWORK

EARTH EXCAVATION AREA:	4 SF
FURNISHED EXCAVATION AREA:	2 SF
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL:	2 SF

EX 42" SS
EX 20" SAN

303 + 95

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

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALES
VERT. 0 5 10
HORIZ. 0 10 20

CROSS SECTIONS – FAIRVIEW AVENUE

SHEET NO. 3 OF 3 SHEETS | STA. 302+50 | TO STA. 303+95

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1504	11-00302-04-CH	DUPAGE	341	341
		CONTRACT NO. 61E06		

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT