F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
575	(B&14) R-3	WILL	390	98
STA. 728+00	TO STA. 734+00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 60961				

MUNICIPALITY: CREST HILL

MATCHLINE STA. 728+00

MATCHLINE STA. 734+00

NATURAL GAS PIPELINE CO. R.O.W.

COMED R.O.W.

PROPOSED R.O.W.

EXISTING R.O.W.

PROPOSED ℄ US ROUTE 30

110 LF 12" RCP TY2, CL III @ 5.37% TB= 115.4

250 LF 12" RCP TY2, CL III @ 4.4% TB= 286.3

140 LF 12" RCP TY2, CL III @ 4.55% TB= 133.4

7 LF 12" RCP TY1, CL IV @ 2.0% TB= 1.2

65 LF 4" UD @ 0.50%

55 LF 12" SSWMR @ 2.0% TB= 11.8

24" NGPL W/ 30" CASING

24" ABANDONED NGPL

115 LF 12" RCP TY2, CL III @ 4.4% TB= 120.6

175 LF 10" RCP TY1, CL IV @ 5.87% TB= 52.3

175 LF 10" RCP TY1, CL IV @ 4.95% TB= 23.1

60 LF PIPE UNDERDRAIN 4" @ 2.0% SEE DETAIL SHEET 237

40 LF PIPE UNDERDRAIN 4" @ 5.0% SEE DETAIL SHEET 237

121 LF 12" RCP TY2, CL III @ 4.4% TB= 138.5

203 LF 10" RCP TY1, CL IV @ 2.07% TB= 26.8

SEE DETAIL SHEET 203/237

TEMP. EASEMENT

EXIST. R.O.W.

STA. 728+50 TO STA. 734+41 PROP. 591 LF PAVED DITCH, TYPE A-15

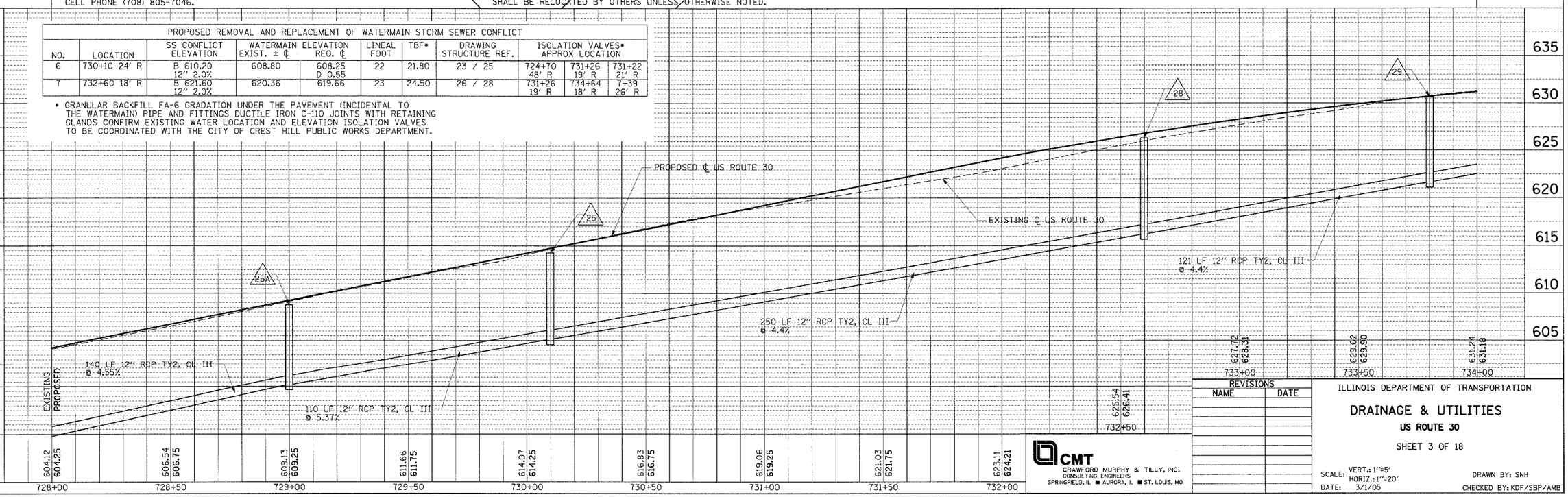
NOTES:

1. THE CONTRACTOR SHALL PROVIDE KINDER MORGAN A 3-WEEK NOTIFICATION PRIOR TO STARTING WORK IN THE AREA OF THE HIGH PRESSURE GAS LINE. THE CONTRACTOR SHALL VERIFY THE LOCATION & ELEVATION OF NGPL FACILITIES PRIOR TO THE START OF WORK. CONTACT BOB JONES AT (815) 725-1405 EXT. 108 OR CELL PHONE (708) 805-7046.
2. SSWMR = STORM SEWER WATER MAIN REQUIREMENT.
3. ALL EXISTING POWER POLES, TELEPHONE SPLICE BOXES, GAS VALVES, TELEPHONE MANHOLES, AND LIGHT POLES SHALL BE RELOCATED BY OTHERS UNLESS OTHERWISE NOTED.
4. PROPOSED PIPE UNDERDRAIN CONNECTIONS TO DRAINAGE STRUCTURES SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF PIPE UNDERDRAIN 4" (MODIFIED).

PROPOSED REMOVAL AND REPLACEMENT OF WATERMAIN STORM SEWER CONFLICT

NO.	LOCATION	SS CONFLICT ELEVATION	WATERMAIN ELEVATION EXIST. ± ℄	WATERMAIN ELEVATION REQ. ℄	LINEAL FOOT	TBF*	DRAWING STRUCTURE REF.	ISOLATION VALVES* APPROX LOCATION		
6	730+10 24' R	B 610.20 12" 2.0%	608.80	608.25 D 0.55	22	21.80	23 / 25	724+70 48' R	731+26 19' R	731+22 21' R
7	732+60 18' R	B 621.60 12" 2.0%	620.36	619.66	23	24.50	26 / 28	731+26 19' R	734+64 18' R	7+39 26' R

* GRANULAR BACKFILL FA-6 GRADATION UNDER THE PAVEMENT (INCIDENTAL TO THE WATERMAIN) PIPE AND FITTINGS DUCTILE IRON C-110 JOINTS WITH RETAINING GLANDS CONFIRM EXISTING WATER LOCATION AND ELEVATION ISOLATION VALVES TO BE COORDINATED WITH THE CITY OF CREST HILL PUBLIC WORKS DEPARTMENT.



REVISIONS	
NAME	DATE

CMT
CRAWFORD MURPHY & TILLY, INC.
CONSULTING ENGINEERS
SPRINGFIELD, IL ■ AURORA, IL ■ ST. LOUIS, MO

ILLINOIS DEPARTMENT OF TRANSPORTATION

DRAINAGE & UTILITIES

US ROUTE 30

SHEET 3 OF 18

SCALE: VERT.: 1"=5'
HORIZ.: 1"=20'

DATE: 3/1/05

DRAWN BY: SNH

CHECKED BY: KDF/SBP/AMB

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