COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12

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CONSTRUCTION LIMITS

CONCRETE MEDIAN TYPE SB-6.24

FRAME RESIDENCE

FRAME GARAGE

+00.00 64.0' LT. 30.0' R.

+18.50 C.E.

+04.20 R.E.

EXIST. R.O.W.

PROP. R.O.W.

CE

PE

15.0' R.

+96.00

+55.00

MATCH LINE STA 160+00

160+00

+44.00 3.0' LT.

+95.43 45.0' RT.

+39.00 9.0' RT.

TEMP. EASEMENT

+98.57 65.0' RT.

ORCHARD ROAD STA. 163+72.13
ROCHESTER DRIVE STA. 30+00.00

+38.52 105.0' RT.

380'-65' R. 10' OS.

ROCHESTER DRIVE

4.5' BUTT JOINT

+38.57 65.0' RT.

+04.57 65.0' RT.

+04.53 100.0' RT.

40.0' R.

380'-65' R. 10' OS.

+84.57 65.0' RT.

+15.08 45.0' RT.

℄ OF EXISTING R.O.W.

CONSTRUCTION LIMITS

10' PATH - HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50, 2"
SUB-BASE GRANULAR MATERIAL, TYPE B, 8"

PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED) (STD 420106)
AGGREGATE SUBGRADE, 12"

CONCRETE MEDIAN TYPE SB-6.24

+19.12 3.0' RT.

ORCHARD RD.

L 165+00

L 170+00

+24.12 9.0' LT.

℄ OF CONSTRUCTION

WETLANDS

TEMP. EASEMENT

PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED) (STD 420106)
AGGREGATE SUBGRADE, 12"

+12.25 85.2' RT.

ORCHARD ROAD STA. 172+41.76
CORNELL AVE. STA. 40+00.00

CORNELL AVE.

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24

COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24

+62.62 64.0' LT. EXIST. R.O.W.

+62.6

+12.39 65.2' RT.

+92.59 65.1' RT.

40+00

+46.51

+66.17 9.0' RT.

+19.6

+71.81 65.9' RT.

+91.61 66.3' RT.

+71.49 85.9' RT.

EXIST. R.O.W.

REMOVE AND REPLACE COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24 STA. 172+62.60 TO 175+19.60

END IMPROVEMENT STA 171+62.60

SOIL BORING (TYP.)

N

L 175+00

CURVE OR-3
P.I. STA= 174+55.40
Δ= 5° 00' 56" (LT)
D= 0° 51' 25"
R= 6,685.000
T= 292.775
L= 585.175
E= 6.408
P.C. STA= 171+62.62
P.T. STA= 177+47.80

NOTE:

1. SEE GENERAL NOTES REGARDING SOIL BORING INFORMATION.

PLAN — SURVEYED / PLOTTED / ALIGNMENT CHECKED / R.T. OF WAY CHECKED / CADD FILE NAME / NOTE BOOK / NO. / BY / DATE

PROFILE — SURVEYED / PLOTTED / GRADES CHECKED / DATE / STRUCTURE NO.TATNS CHKD / NOTE BOOK / NO. / BY / DATE

DITCH GRADES (LT) (RT)

VPI STA. 163+25.00
ELEVATION 672.00

ROCHESTER DR. EL. 671.25

+0.40%

-1.40%

DESIGN PROFILE

LOW POINT
STA. 169+09.38
EL. 665.09

250.00' V.C.
ex = 0.60'

VPI STA. 168+50.00
ELEVATION 664.62

-1.40%

+0.50%

+0.7%

PATH PROFILE

RT DITCH PROFILE

250.00' V.C.
ex = -0.56'

HIGH POINT
STA. 162+55.40
EL. 671.61

EXIST. ℄ PROFILE

PATH PROFILE GRADES

ROADWAY PROFILE GRADES (EXISTING) (PROPOSED)

	160+00	161+00	162+00	163+00	164+00	165+00	166+00	167+00	168+00	169+00	170+00	171+00	172+00	173+00	174+00	175+00
PATH PROFILE GRADES	670.62	670.73	670.85	670.81	670.78	670.80	670.82	670.48	670.14	669.48	668.82	668.12	667.42	666.71	666.01	665.42
	664.82	664.59	664.37	664.51	664.65	664.90	665.15	665.46	665.77	665.96	666.15	666.72	667.30	667.55	667.80	668.05
ROADWAY PROFILE GRADES (EXISTING)	670.61	670.76	670.80	670.68	670.48	670.26	670.05	669.79	669.34	668.87	668.32	667.75	667.18	666.71	666.25	665.99
	665.74	665.57	665.35	665.41	665.44	665.59	665.74	665.99	666.28	666.75	667.20	667.67	668.27	668.81	669.29	669.69
(PROPOSED)	670.70	670.90	671.10	671.30	671.50	671.61	671.54	671.29	670.86	670.24	669.54	668.84	668.14	667.43	666.73	666.05
	665.54	665.22	665.09	665.15	665.37	665.62	665.87	666.12	666.37	666.62	666.87	667.12	667.37	667.62	667.87	668.12

680 675 670 665 660 655 650 645 640

rjngroup
Excellence through Ownership
200 West Front Street
Wheaton, Il 60187

DESIGNED	MK	REVISED	-
DRAWN	DW	REVISED	-
CHECKED	MH	REVISED	-
DATE	12/20/2010	REVISED	-

KANE COUNTY
DIVISION OF TRANSPORTATION
ORCHARD ROAD RECONSTRUCTION

ORCHARD ROAD PLAN AND PROFILE
STA. 160+00 TO STA. 175+50

SCALE: 1" = 50' | SHEET NO. 5 OF 7 SHEETS | STA. 160+00.00 TO STA. 175+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	99-00232-01-WR	KANE	215	57
		CONTRACT NO. 63541		
		ILLINOIS	FED. AID PROJECT	

$SCALE$ $USCITE$ $DATE$ $FILE$