

RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9878	*	WINNEBAGO	22	2
ILL. REG. 4	ILLINOIS	PROJECT	M-5291 (8)	
* 93-00027-00-FP				

GENERAL NOTES

Where section or subsection monuments are encountered, the Engineer shall be notified before such monuments are removed. The Contractor shall protect and carefully preserve all property markers and monuments until such time as the owner or an authorized surveyor under the supervision of an Illinois Professional Land Surveyor (or Registered) or agent has witnessed or otherwise referenced their location.

All utility valve boxes, includes gas valve boxes, shall be adjusted to the final grade as shown on the plans. The cost of adjusting utility valve boxes shall not be paid for separately but shall be included in the contract unit price for the various items of work.

All water utility boxes and valves shall be adjusted where necessary or as directed by the Engineer, to the final grades as specified on the plans. The Rockton Water Department shall be contacted for adjusting requirements. Utility box and valve adjustments shall be considered incidental to construction and no compensation shall be allowed.

The Contractor shall use gasketed pipe or encasement of joints 10 feet either side of where proposed storm sewer crosses existing water main. This protection will be considered incidental to the installation of storm sewer and no additional compensation will be allowed.

No overhaul has been computed and none shall be paid for from any source.

The final top four inches of soil in any right-of-way area disturbed by the Contractor must be a cohesive soil capable of supporting vegetation.

The Contractor shall be responsible for protecting utility property during construction operations as outlined in Article 107.26 and 107.31 of the Standard Specifications. The J.U.L.I.E. number is 1-800-892-0123. The following utilities located within the project limits or immediately adjacent to the project construction limits are members of J.U.L.I.E.:

WISCONSIN POWER & LIGHT
110 E. MAIN STREET
ROCKTON, IL 61072
1-800-364-6457

CABLEVISION OF GREATER BELOIT
1837 PARK AVENUE
BELOIT, WI 53511
1-800-422-2588

GENERAL TELEPHONE - NORTH
POST OFFICE BOX 247
NEWBURG ROAD
BELVIDERE, IL 61008
815-544-6232

AMERITECH
2404 8TH AVENUE
ROCKFORD, IL 61108
815-394-6232

NORTHERN ILLINOIS GAS
4651 LINDEN ROAD
ROCKFORD, IL 61109-3399
815-865-5416

The following are the known utilities located within the project limits or immediately adjacent to the project construction limits which are not members of J.U.L.I.E. and should be notified individually by the contractor:

ROCKTON SANITARY DISTRICT
POST OFFICE BOX 338
WEST UNION STREET
ROCKTON, IL 61072
815-624-7223

ROCKTON WATER DEPARTMENT
110 EAST MAIN STREET
ROCKTON, IL 61072
815-624-7600

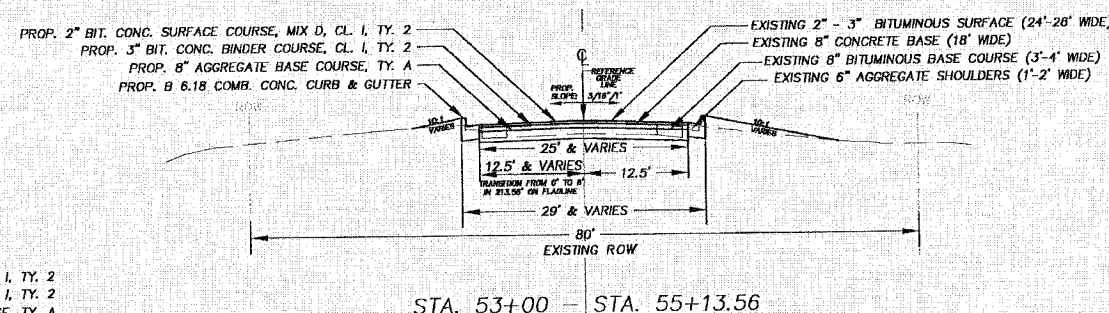
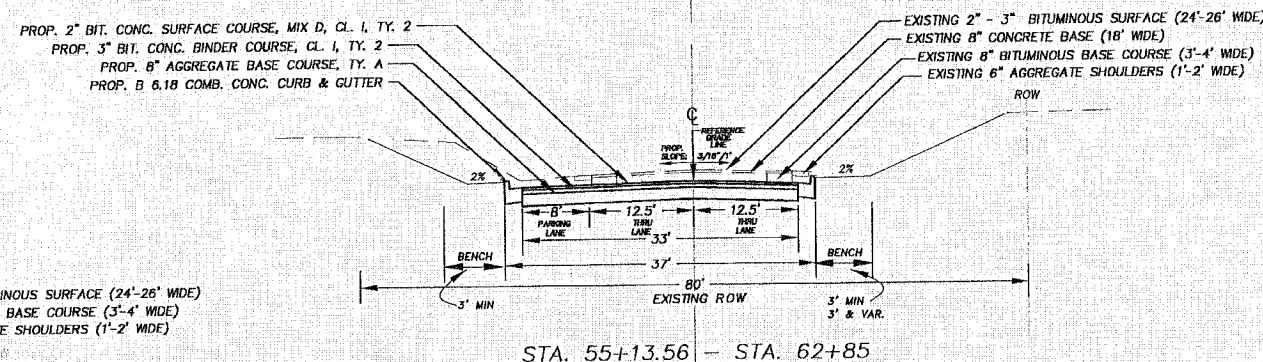
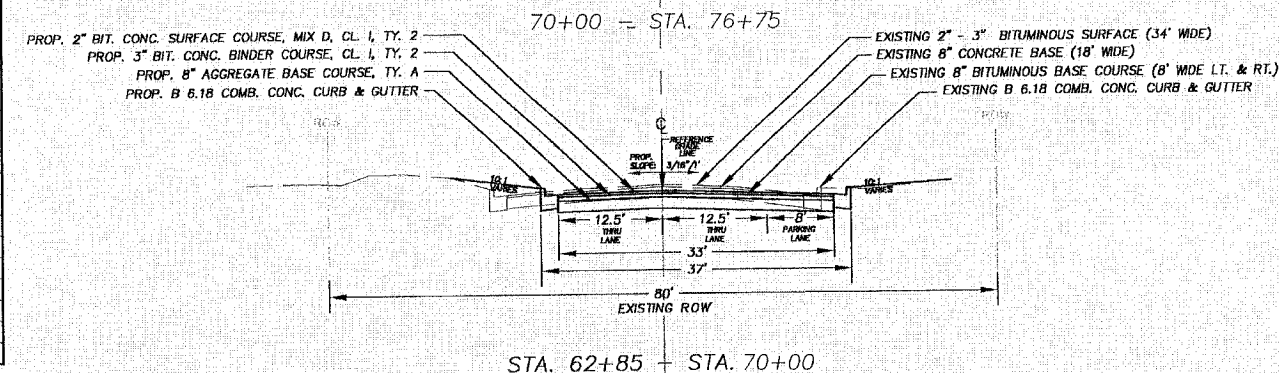
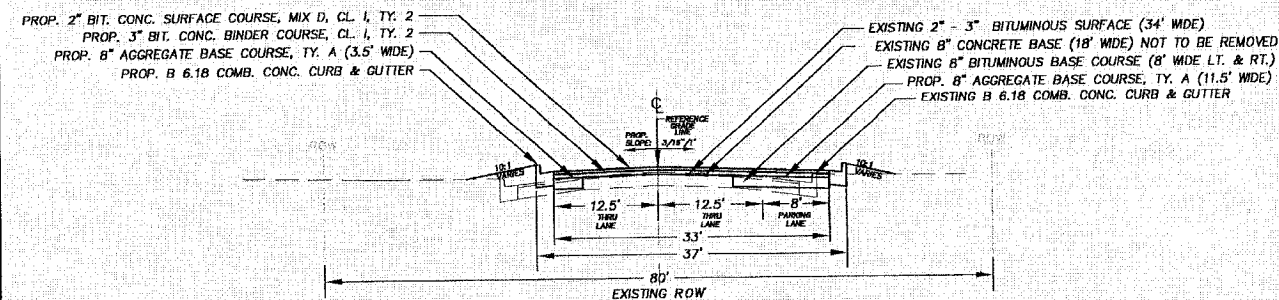
A minimum of 48 hours advanced notice is required for non-emergency work.

**SUMMARY OF QUANTITIES
CONSTRUCTION TYPE CODE 1000**

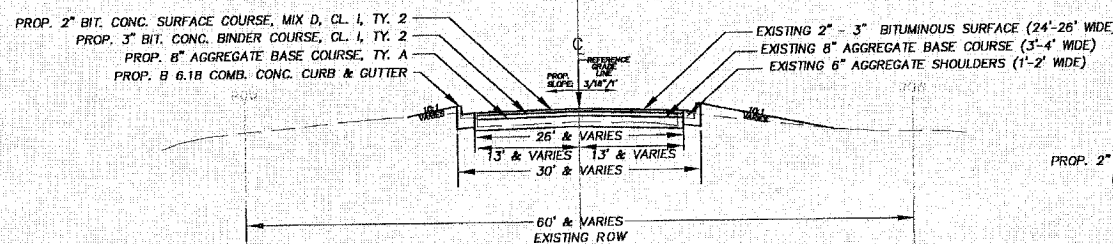
NO.	CODE NO.	ITEM	UNIT	QUA.
1	20100110	TREE REMOVAL (6-15 UNITS DIAMETER)	UNIT	42
2	20200410	EARTH EXCAVATION (SPECIAL)	CU. YD.	8145
3	20800150	TRENCH BACKFILL	CU. YD.	222
4	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ. YD.	8766
5	25000100	SEEDING, CLASS I	ACRE	2
6	25100105	MULCH, METHOD 1	ACRE	2
7	35100700	AGGREGATE BASE COURSE, TY A, 8"	SQ. YD.	10149
8	40600100	BITUMINOUS MATERIALS (PRIME COAT)	GAL.	9658
9	40600740	BITUMINOUS CONCRETE BINDER COURSE, TY 2	TON	1755
10	40600850	BITUMINOUS CONCRETE SURFACE COURSE, MIX D, CLASS I, TYPE 2	TON	1213
11	40600980	BITUMINOUS SURFACE REMOVAL - BUTT JOINT	SQ. YD.	65
12	42001300	PROTECTIVE COAT	SQ. YD.	1358
13	42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6"	SQ. YD.	509
14	42400200	PORTLAND CEMENT CONCRETE SIDEWALK, 5"	SQ. FT.	1330
15	44000009	BITUMINOUS SURFACE REMOVAL, 3"	SQ. YD.	1700
16	44200934	CLASS B PATCHES, TYPE II, 8 INCH	SQ. YD.	8
17	55019900	STORM SEWERS, TY 1 REINFORCED CONCRETE CULVERT, STORM DRAIN & SEWER, PIPE, CLASS IV, 24" DIA.	FOOT	1547
18	55022000	STORM SEWERS, TY 2, REINFORCED CONCRETE CULVERT, STORM DRAIN & SEWER PIPE, CLASS III, 24" DIAMETER	FOOT	793
19	56400100	FIRE HYDRANT TO BE MOVED	EACH	2
20	60221000	MANHOLE, TY A, 5' DIA, TY 1 FRAME, OPEN LID	EACH	3
21	60221100	MANHOLE TY. A, 5' DIA. TY. 1 FRAME & CLOSED LID	EACH	7
22	60244110	INLETS, SPECIAL, TY. 9 FRAME & GRATE	EACH	1
23	60242500	INLETS, SPECIAL, NO 1	EACH	11
24	60255500	MANHOLES TO BE ADJUSTED	EACH	2
25	60255700	VALVE VAULTS TO BE ADJUSTED	EACH	6
26	60500060	REMOVING INLETS	EACH	6
27	60604400	COMBINATION CONCRETE CURB & GUTTER, TY B6.18	FOOT	5068
28	70101700	TRAFFIC CONTROL & PROTECTION	LUMP SUM	1
29	70300100	SHORT TERM PAVEMENT MARKING	FOOT	220
30	78001110	PAINT PAVEMENT MARKING LINE, 4"	FOOT	1510
31	78001140	PAINT PAVEMENT MARKING LINE, 8"	FOOT	1951
32	78001150	PAINT PAVEMENT MARKING LINE, 12"	FOOT	186

TYPICAL SECTIONS

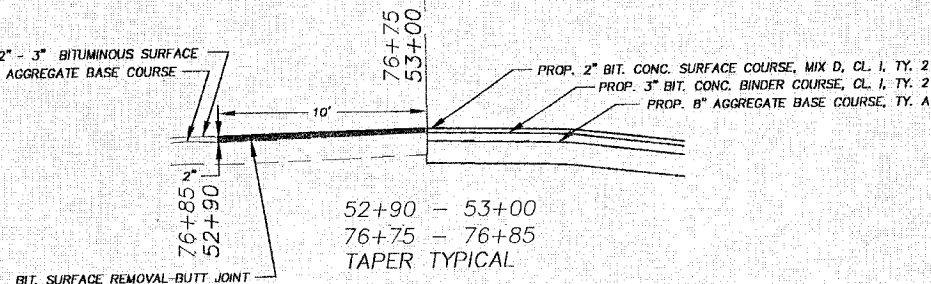
NOTE: REMOVE EXISTING AND REPLACE WITH PROPOSED, EXCEPT WHERE OTHERWISE NOTED ON THE CROSS-SECTIONS.



NOTE: REMOVE EXISTING AND REPLACE WITH PROPOSED, EXCEPT WHERE OTHERWISE NOTED ON THE CROSS-SECTIONS.



SIDE STREETS



52+90 - 53+00
76+75 - 76+85
TAPER TYPICAL

**STRUCTURAL DESIGN INFORMATION
FLEXIBLE PAVEMENT**

(80,000 LB. LOAD LIMIT)

$$T.F. = \frac{[DP(0.073^4 PV + 56.03^4 SU + 192.72^4 M.U.)]}{[20(0.073^4 3140 + 56.03^4 100 + 192.72^4 35)]} \times \frac{1,000,000}{1,000,000}$$

$$= 0.2515$$

MAXIMUM: 0.25

MINIMUM TEMPERATURE OF DESIGN MIX: 72 F (FIG. 1)

ASPHALT CEMENT VISCOSITY: AC-20

E_{ac}: 765 (FIG. 2)

BITUMINOUS CONCRETE DESIGN STRAIN: 218.5 (FIG. 3)

BITUMINOUS THICKNESS: 4 3/4" ROUNDED TO 5" (FIG. 4)

E_m = 10 KSI USE 3 KSI

BINDER = 3" BITUMINOUS CONCRETE BINDER COURSE, CLASS I, TY. 2

SURFACE = 2" BITUMINOUS CONCRETE SURFACE COURSE, CLASS I, TY. 2

GRANULAR BASE THICKNESS: 8" (FIG. 4)

BASE = 8" AGGREGATE BASE COURSE, TY. A

REVISED PC 10/19/04
REVISED 10/7/04



CES INC. CIVIL ENGINEERING SERVICES
700 WEST LOCUST ST., BELVIDERE, IL 61008
(815)-547-8435 FAX: (815)-544-0421