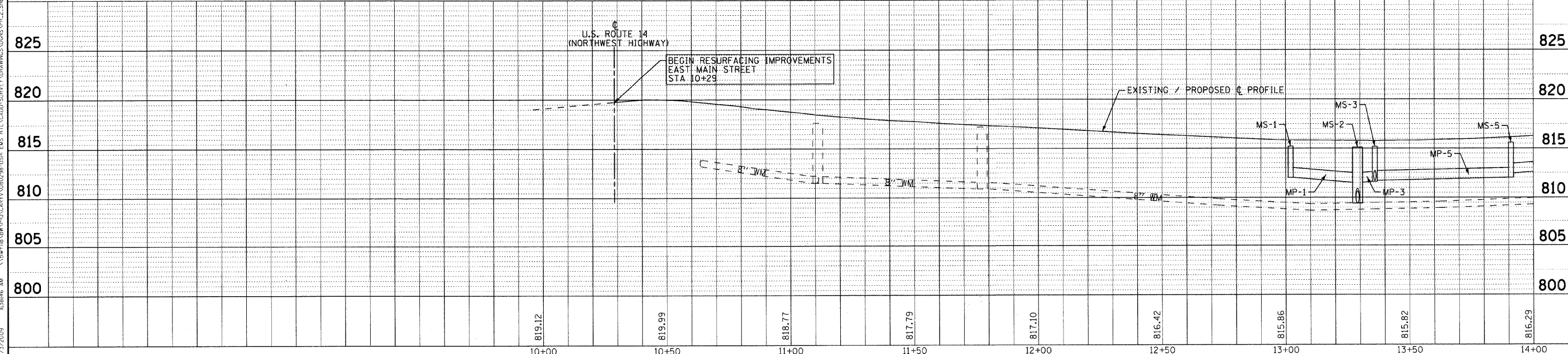


| PIPES | | | | | |
|-------|----------------|-----|--------|-------|----------|
| NO. | TYPE | DIA | LENGTH | SLOPE | TBF (CY) |
| MP-1 | RCP, CL A, T-1 | 12" | 29' | 2.96% | 5 |
| MP-2 | RCP, CL A, T-2 | 15" | 16' | 1.25% | 8 |
| MP-3 | RCP, CL A, T-1 | 12" | 7' | 1.43% | 2 |
| MP-4 | RCP, CL A, T-1 | 12" | 11' | 0.91% | 2 |
| MP-5 | RCP, CL A, T-1 | 12" | 55' | 0.55% | 4 |

| STORM STRUCTURES | | | | | | |
|------------------|---------|--------|------------------|----------------------|--|--|
| NO. | STATION | OFFSET | FRAME TYPE | RIM/EP EL | INVERT | |
| MS-1 | 13+02 | 24' LT | INLET T-A | TY1 F, OL 815.20 RIM | 812.00 12"SE | |
| MS-2 | 13+29 | 12' LT | CB TY-A, 4' DIA. | TY1 F, OL 815.11 EP | 811.50 12"E; 811.20 12"NW; 809.50 15"N; 809.39 18"S (EX) | |
| MS-3 | 13+36 | 12' LT | INLET T-A | TY11 F&G 815.17 EP | 811.60 12"W,N | |
| MS-4 | 13+36 | 24' LT | INLET T-A | TY1 F, OL 815.12 RIM | 811.70 12"S,E | |
| MS-5 | 13+91 | 24' LT | INLET T-A | TY1 F, OL 815.60 RIM | 812.00 12"W; 812.43 12"E | |



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| | |
|-----------------|--------------------------------|
| DESIGNED - MWP | REVISED - MCDPD REVIEW 11/3/09 |
| DRAWN - CJC | REVISED - IDOT REVIEW 11/17/09 |
| CHECKED - RWL | REVISED - |
| DATE - 09/11/09 | FILE - 080298-DU2.sh |

VILLAGE CARY, ILLINOIS
U.S. ROUTE 14 AT EAST MAIN STREET RIGHT-TURN LANE STP
AND EAST MAIN STREET ARRA IMPROVEMENTS

| | |
|-------------------------------|-------------------------|
| DRAINAGE AND UTILITIES | |
| EAST MAIN STREET | |
| SCALE: H: 1"=20' V: 1"=5' | STA. 9+96 TO STA. 14+00 |

| | | | | |
|--------------------|----------------|---------|---|-----------|
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| C-91-619-09 | 08-00054-00-CH | MCHENRY | 56 | 22 |
| CONTRACT NO. 63404 | | | FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT W-ARA-9003(3) | |

* F.A.P. ROUTE 0305 U.S. ROUTE 14 (NORTHWEST HIGHWAY)
 F.A.U. ROUTE 3877 EAST MAIN STREET