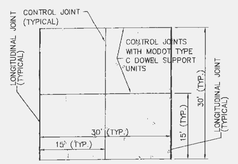
REVISIONS
03-17-06 Issued for Bid
04-06-06 Addendum #1
04-10-06 Issued For Permit
05-08-06 City comments
06-01-06 City comments

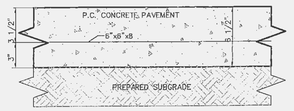
SITE/GRADING-PLAN

CONCRETE PAVING, 2006 BUS LOT AT WESTHOFF ELEMENTARY

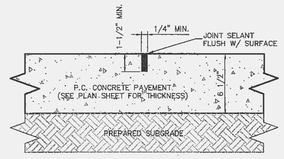
9B-10001TDA 03/17/06



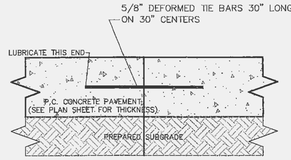
CONCRETE PAVEMENT JOINT SPACING
NOT TO SCALE



6-1/2" MESH REINFORCED
P.C. CONCRETE PAVEMENT DETAIL
NOT TO SCALE

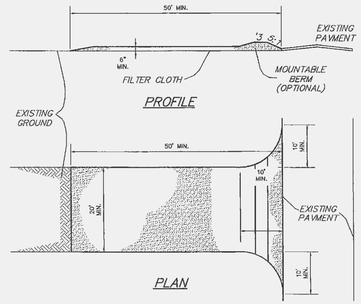


CONTROL JOINT (TOOLED/SAWN)



LONGITUDINAL JOINT

CONCRETE PAVEMENT JOINT DETAILS
NO SCALE



CONSTRUCTION SPECIFICATIONS

1. Stone Size – Use 2" stone, or reclaimed or recycled concrete equivalent.
2. Length – As required, but not less than 50 feet (except on a single residence lot where a 30 foot minimum length would apply).
3. Thickness – Not less than six (6) inches.
4. Width – Twenty (20) foot minimum, but not less than the full width at points where ingress or egress occurs.
5. Filter Cloth – Will be placed over the entire area prior to placing of stone. Filter will not be required on a single family residence lot.
6. Surface Water – All surface water flowing or diverted toward construction entrances shall be piped across the entrance. If piping is impractical, a mountable berm with 5:1 slopes will be permitted.
7. Maintenance – The entrance shall be maintained in a condition which will prevent tracking or flowing of sediment onto public rights-of-way. This may require periodic top dressing with additional stone as conditions demand and repair and/or cleanout of any measures used to trap sediment. All sediment spilled, dropped, washed or tracked onto public rights-of-way must be removed immediately.
8. Washing – Wheels shall be cleaned to remove sediment prior to entrance onto public rights-of-way. When washing is required, it shall be done on an area stabilized with stone and which drains into an approved sediment trapping device.
9. Periodic inspection and needed maintenance shall be provided after each rain.

STABILIZED CONSTRUCTION ENTRANCE/WASHDOWN AREA
NOT TO SCALE

GRAPHIC SCALE
40 0 20 40
(IN FEET)
1 inch = 40 ft.

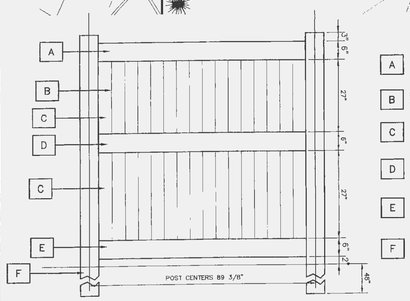
PROPERTY N/F
ADOLPHUS BUSCH
1544/1962
"UNZONED" ST. CHARLES CO.

PROPERTY N/F
PAUL AND ELLEN DIDION
1260/725
"UNZONED" O'FALLON

PROPERTY N/F
MISSOURI EDISON COMPANY
560/388
"UNZONED" O'FALLON

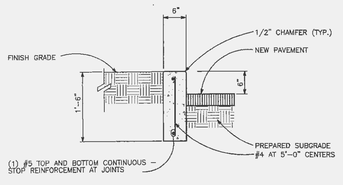
HOMEFIELD ESTATES
ZONED "R-3 P.U.D." O'FALLON

ATG DOUBLE CURB INLET TOP= 521.64 SILL= 517.17 FL= 507.10
ADD 6"X6"X8 WASH BAR NEW CURB LINE SHALL TIE INTO STRUCTURE
EX. 11' CHAINLINK FENCE
DOUBLE CURB INLET TOP= 521.44 SILL= 512.05 FL= 511.54
EXISTING FIBER OPTIC CABLE
EXISTING TREES REMOVED
EXISTING T CHAINLINK FENCE
DOUBLE CURB INLET TOP= 514.91 SILL= 511.46 FL= 507.23
AREA INLET TOP= 509.11 SILL= 505.10 FL= 501.97
29 PROPOSED PARKING SPACES
SAWCUT LINE 221.00'
PAINTED ISLAND
PROPOSED PARKING SPACES
EXISTING LOWER
EXISTING SHED
6' VINYL FENCE SCREENING-BY DISTRICT
DUMPSTER
20'x40' TEMP TRUCK WASH OFF AREA
19 PROPOSED PARKING SPACES
EXISTING 6-1/2" MESH REINFORCED P.C. CONCRETE PAVEMENT (SEE DETAIL)
25' BUILDING SETBACK
15' W. EASEMENT GRANTED TO AMERICAN TELEPHONE AND TELEGRAPH BY 1095/1099
22 EX. BUS PARKING SPACES
100' W. EASEMENT GRANTED TO UNION ELECTRIC CO. BY 350/329
EX. 6" VERTICAL CONC. CURB
EX. UP
EXISTING 7' CHAINLINK FENCE
GRATE INLET TOP= 515.63 FL= 512.76
SAWCUT LINE (TYP.)
16 PROPOSED BUS PARKING SPACES
13 EX. BUS PARKING SPACES
4 EX. BUS PARKING SPACES
EX. 6" VERTICAL CONCRETE CURB
CONCRETE WHEEL STOPS (TYP.)
4" W. PAINTED STRIPING (TYP.)
16 PROPOSED BUS PARKING SPACES
15 EX. BUS PARKING SPACES
EX. 6" VERTICAL CONCRETE CURB
EXISTING GATE
EXISTING FIBER OPTIC CABLE
EX. AREA INLET TOP= 512.10 (DESIGNED) FL= 507.85 (DESIGNED)
CURB INLET TOP= 514.04 SILL= 510.2 FL= 507.39
P.C. CONCRETE (SEE DETAIL)
TRAILER
FUTURE LIGHT (MATCH EXISTING)
EX. 8' VINYL FENCE
6" CONC. VERTICAL CURB (TYP.)
END EXISTING 8' VINYL FENCE
6-1/2" THICK MESH-REINFORCED P.C. CONCRETE PAVEMENT
CURB INLET TOP= 513.95 SILL= 510.67 FL= 507.94
BUS LOOP PICKUP/DROPOFF
EX. 6" VERTICAL CONCRETE CURBING (TYP.)
EXISTING BUS LOOP SECURITY GATE
EX. GATE POST
EX. BOLLARD
PEA GRAVEL PLAY AREA
BASKETBALL COURTS 5" ASPHALT PAVEMENT W/ 8" ROLLED STONE BASE
PEA GRAVEL PLAY AREA
PLANTER AREA (TYPICAL)
EXISTING SIGHTPROOF TRASH ENCLOSURE ON A 10' X 20' CONCRETE PAD
EXISTING HYDRANT W/ SHUTOFF VALVE
EXISTING HYDRANT W/ SHUTOFF VALVE
EXISTING 8" WATER MAIN
PROPOSED WATER METER PIT W/ SO
5" DOMESTIC SERVICE
BUS LOOP PICKUP/DROPOFF
6" VERTICAL CONCRETE CURBING (TYPICAL)
EXISTING BUS LOOP SECURITY GATE
EX. 6' CONCRETE SIDEWALK
6"PVC CONNECTION FOR DOWNSPOUTS
PLANTER AREA
PLANTER AREA (TYPICAL)
AREA INLET TOP= 511.00 SILL= 507.08 DROPSOCK FL= 502.80
EXISTING BASEBALL FIELDS
EXISTING STORMWATER DETENTION BASIN
EX. CURB INLET TOP= 512.35 (DESIGNED) FL= 508.93 (DESIGNED)
EX. 18" R.C.P. FLARED END SECTION FL= 503.00 (DESIGNED)

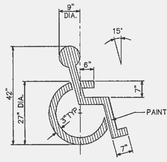


A	TOP RAIL 2"X 6"X .88" RIBBED CHANNELED TO ACCEPT PICKETS INCLUDES REINFORCING CHANNEL
B	PICKET SPACING NONE
C	PICKETS 28 PIECES OF 7/8"X 6"X 30-1/2"
D	MIDDLE RAIL 2"X 6"X .88" RIBBED CHANNELED TO ACCEPT PICKETS INCLUDES REINFORCING CHANNEL
E	BOTTOM RAIL 2"X 6"X .88" RIBBED CHANNELED TO ACCEPT PICKETS INCLUDES REINFORCING CHANNEL
F	POST 6"X 6"X 120" FOR IN GROUND INSTALLATION 6"X 6"X 84" FOR ABOVE GROUND INSTALLATION

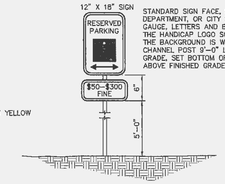
6' HIGH VINYL PRIVACY FENCE
NOT TO SCALE



CONCRETE CURB DETAIL
NOT TO SCALE



PAINTED HANDICAPPED PARKING SYMBOL
NOT TO SCALE



STANDARD SIGN FACE, STANDARD HIGHWAY DEPARTMENT, OR CITY STREET DEPARTMENT GAUGE, LETTERS AND BORDERS ARE GREEN, THE HANDICAP LOGO SQUARE IS BLUE AND THE BACKGROUND IS WHITE, GALVANIZED U CHANNEL POST 2'-0" LONG, SET 3'-0" INTO GRADE, SET BOTTOM OF "FINE" SIGN 5'-0" ABOVE FINISHED GRADE.

HANDICAP PARKING SIGN
NOT TO SCALE

STATE OF MISSOURI
CLIFFORD J. WEITMANN
NUMBER E-29817
6-1-06
REGISTERED PROFESSIONAL ENGINEER

CITY FILE # 99125.02
APPROVED 04-06-06

UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE INFORMATION AND THEREFORE THEIR LOCATIONS SHALL BE CONSIDERED APPROXIMATE ONLY. THE VERIFICATION OF THE LOCATION OF ALL UNDERGROUND UTILITIES, EITHER SHOWN OR NOT SHOWN ON THESE PLANS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, AND SHALL BE LOCATED PRIOR TO ANY GRADING OR CONSTRUCTION OF THE IMPROVEMENTS.

E:\DWG\A10000PLUS\10001TDA-Bus Lot Expansion\Construction\10001da-con.dwg, CON_SITE (3), 6/1/2006 4:45:32 PM, Sta 63 KTK